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Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
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Единый адрес: [ccn@nt-rt.ru](mailto:ccn@nt-rt.ru) | <http://www.conec.nt-rt.ru>

## SECTION 4

# FILTER COMBINATION D-SUB CONNECTORS

In addition to our filtered connectors such as standard and High Density, D-SUB, CONEC has developed the Combination D-SUB Filter connector product family.

The low pass filters connect each contact through a capacitor to the connector housing.

Filtered D-SUB Connectors used in I/O applications for power in or power out where EMI/RFI problems can occur, are the right solution for those type of occurrences.

Filter capacitance can be selected for specific applications.





Thus if undesirable high-frequency noise should occur in the environment or inside the device itself, the appropriately selected interface connector, fitted with filters, is able to suppress the noise directly at the interface.

Such connectors, for example, can also reliably eliminate the noise frequencies generated by the power supply's own switching operation. The filters employed in these power connectors meet today's safety requirements for surge and DC dielectric strength. Filter connectors in the CONEC product line offer dielectric strength ratings up to 1500 VDC.



# PART NUMBER CREATOR

**3 F 3 S P A 0 8 S 4 1 A 1 O X**

### Variations

2W2C = Coded  
 3W3S = Standard  
 3W3C = Coded  
 5W5S = Standard  
 8W8S = standard (Replace the letter „W“ with letter „F“ = Filtered version)

### Contact type

P = Plug connector  
 S = Socket connector

### Plaiting code/Quality class for contacts

A = Quality class 3 =50 mating cycles  
 C = Quality class 1 =500 mating cycles\* \*on request

### Capacitance

05 = 1.3 nF      14 = 12 nF  
 08 = 5,0 nF      22 = 47 nF  
 12 = 10 nF      28 = 100 nF

### Dielectric with standing voltage

S = 707 VDC standard DWV      U = 1500 VDC ultra high DWV  
 H = 1020 VDC high DWV

### Termination for high current contacts

41 = Solder cup 10 A      51 = Solder pin, straight 30 A, D= .125"/3.18 mm  
 42 = Solder cup 20 A      52 = Solder pin, straight 40 A, D= .148"/3.75 mm  
 43 = Solder cup 30 A      53 = Solder pin, straight 50 A, D= .148"/3.75 mm  
 44 = Solder cup 40 A      56 = Solder pin, angled 20 A  
 45 = Solder cup 50 A      57 = Solder pin, angled 30 A  
 46 = Solder cup 65 A\*      58 = Solder pin, angled 40 A  
 48 = Solder pin, straight 20 A, D= .077"/1.95 mm  
 49 = Solder pin, straight 20 A, D= .102"/2.60 mm  
 50 = Solder pin, straight 20 A, D= .112"/2.85 mm  
 P1 = Press fit 30 A  
 P2 = Press fit 30 A  
 P4 = Press fit 30 A  
 \*3W3: Pos. A1 + A3; 5W5: Pos. A1 + A3 + A5

### Mounting style

A1 = Riveted  
 A2 = M3 threaded insert  
 A3 = 4-40 UNC threaded insert  
 A4 = M3 threaded rear spacer  
 A5 = 4-40 UNC threaded rear spacer  
 A9 = Threaded rear spacer with M3 press fit  
 AA = Threaded rear spacer with 4-40 UNC press fit  
 C1 = M3 threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 C2 = 4-40 UNC threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 C3 = M3 threaded rear spacer with PCB clip, PCB .091"/2.30 mm  
 C4 = 4-40 UNC threaded rear spacer with PCB clip, PCB .091"/2.30 mm  
 C5 = M3 threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 C6 = 4-40 UNC threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 D1 = M3 front/threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 D2 = 4-40 UNC front/threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 D3 = M3 front/threaded rear spacer with PCB clip, PCB .091"/2.30 mm  
 D4 = 4-40 UNC front/threaded rear spacer with PCB clip .091"/2.30 mm  
 D5 = M3 front/threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 D6 = 4-40 UNC front/threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 E1 = M3 front/threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 E2 = 4-40 UNC threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 E3 = M3 threaded rear spacer with PCB clip, PCB .091"/2.30 mm  
 E4 = 4-40 UNC threaded rear spacer with PCB clip, PCB .091"/2.30 mm  
 E5 = M3 threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 E6 = 4-40 UNC threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 F1 = M3 front/threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 F2 = 4-40 UNC front/threaded rear spacer with PCB clip, PCB .063"/1.60 mm  
 F3 = M3 front/threaded rear spacer with PCB clip, PCB .091"/2.30 mm  
 F4 = 4-40 UNC front/threaded rear spacer with PCB clip, PCB .091"/2.30 mm  
 F5 = M3 front/threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 F6 = 4-40 UNC front/threaded rear spacer with PCB clip, PCB .126"/3.20 mm  
 K1 = Metal bracket, M3 threaded insert  
 K2 = Metal bracket, 4-40 UNC threaded insert  
 K3 = Metal bracket, M3 threaded insert /PCB clip  
 K4 = Metal bracket, 4-40 UNC threaded insert /PCB clip  
 L1 = Metal bracket, M3 threaded lock  
 L2 = Metal bracket, 4-40 UNC threaded lock  
 L3 = Metal bracket, M3 threaded lock /PCB clip  
 L4 = Metal bracket, 4-40 UNC threaded lock /PCB clip  
 W3 = Press-fit spacer with M3 push in pin  
 W4 = Press-fit spacer with 4-40 UNC push in pin

OX = Standard

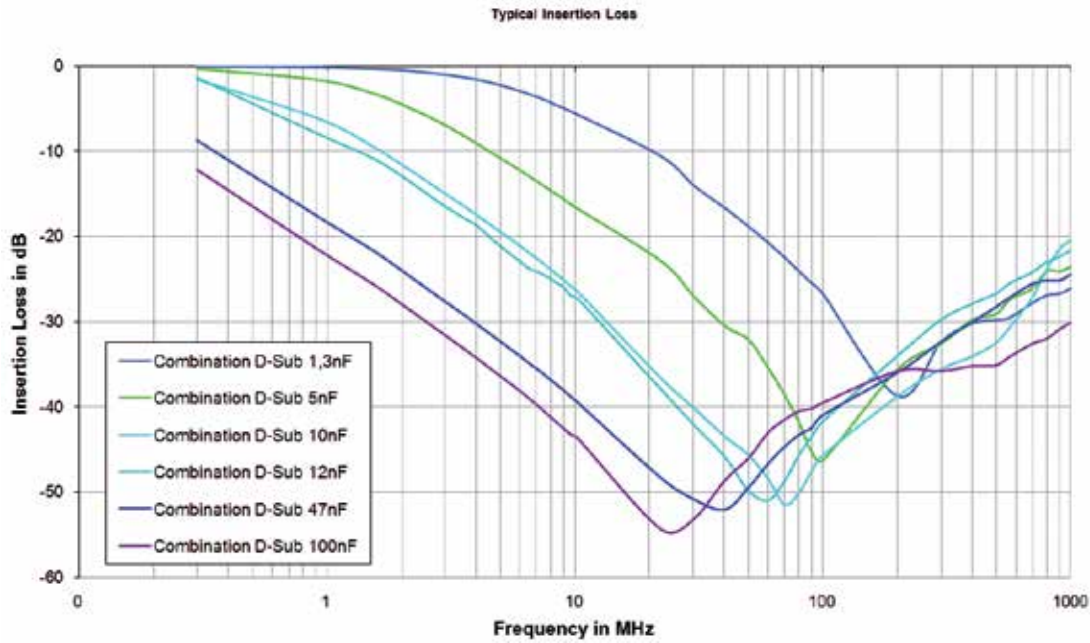
# TECHNICAL DATA

<b>Materiala</b>	<b>Variations</b> 2W2C – 3W3C – 3W3 – 5W5 – 8W8			
<b>Insulator</b>	Polyester GF UL94 V0			
<b>Contacts</b>	CU alloy			
<b>Contact plating</b>	Mating area gold plated over nickel / termination area tin or gold plated			
<b>Shell</b>	Steel tin plated			
<b>Mechanical and electrical characteristics</b>				
<b>Test voltage U eff/NM</b>	1000 V			
<b>Dielectric with standing voltage</b>	Standard DWV 707 VDC/high DWV 1020 VDC / ultra high DWV 1500 VDC			
<b>Working voltage</b>	100 VDC Depending on isolation coordination (refer to DIN VDE 0110/IEC 664-1)			
<b>Contact resistance</b>	Max. 2 mΩ prior to stressing, Δ R max. 2 mΩ after stressing per DIN 41652, Part 2			
<b>Insulation resistance</b>	≥1 GΩ at 100 VDC			
<b>Current rating</b>	up to 65 A (20°C)			
<b>Temperature storage range</b>	-55°C to + 125°C			
<b>Temperature working range</b>	-55°C to + 125°C			
<b>Humidity</b>	40°C / 85% relative humidity / RH			
<b>Capacitor values</b> For other capacitance values please contact the factory.	1.3 nF ± 20% tolerance		12 nF ± 20% tolerance	
	5 nF ± 20% tolerance		47 nF ± 20% tolerance	
	10 nF ± 20% tolerance		100 nF ± 20% tolerance	
<b>Quality class</b>	A = Quality class 3 = 50 mating cycles C = Quality class 1 = 500 mating cycles			
<b>Solder parameter</b>	<b>Preheating</b>		<b>Solder terminal dipping parameters</b>	
	max. Temperature	Duration	max. solder bath Temperature	max. Terminal Immersion Time
<b>Recommended wave-solder parameters</b>	120°C	120s	260°C	5s

Technical specifications are subject to change without notice.

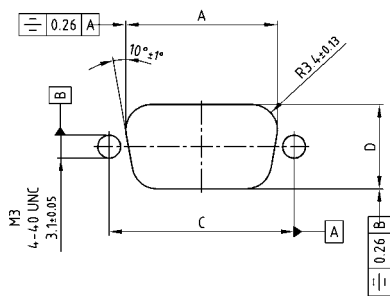
# INSERTION LOSS

## C-FILTER

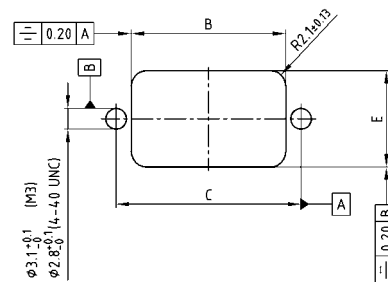


### PANEL CUT-OUT

#### Rear panel mounting



#### Front panel mounting



Shell size	A ± 0.1	B ± 0.1	C ± 0.1	D ± 0.1	E ± 0.1
9	20.50	20.90	25.00	11.40	13.00
15	28.80	29.20	33.30	11.40	13.00
25	42.50	42.90	47.04	11.40	13.00
37	59.10	59.40	63.50	11.40	13.00
50	56.30	57.00	61.10	14.10	15.80

# C-FILTER COMBINATION D-SUB 2W2C

Solder cup – Precision machined contacts – For wire size AWG 8...20

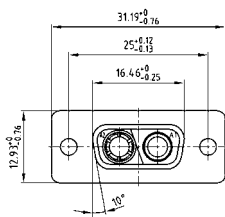


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

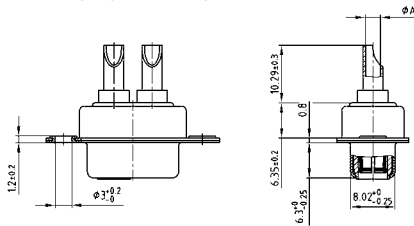
- Coding design = 1 Plug and 1 socket contact
- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole, Ø .118"/3 mm
  - with 4-40 UNC or M3 threaded insert
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

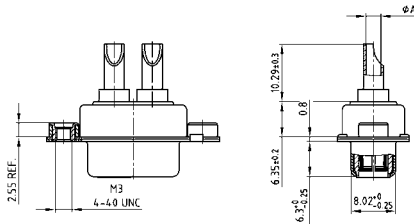


Termination Code	Current Rating	Wire Size	Ø A
41	10A	AWG 16-20	1.80
42	20A	AWG 12-14	2.70
43	30A	AWG 10-12	3.50
44	40A	AWG 8-10	4.80

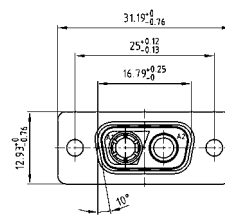
Mounting style: Through-hole



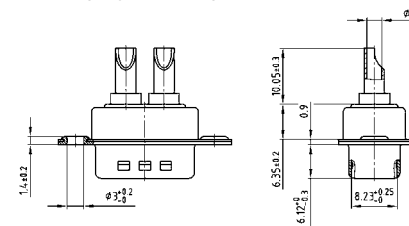
Mounting style: Threaded insert



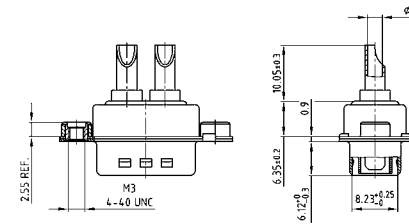
## PLUG CONNECTOR



Mounting style: Through-hole



Mounting style: Threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
2W2C	Through-hole	16...20	47 nF	2F2CSA 22 S41A10X
2W2C	Through-hole	12...14	47 nF	2F2CSA 22 S42A10X
2W2C	Through-hole	10...12	47 nF	2F2CSA 22 S43A10X
2W2C	Through-hole	8...10	47 nF	2F2CSA 22 S44A10X
2W2C	4-40 UNC Threaded insert	16...20	47 nF	2F2CSA 22 S41A30X
2W2C	4-40 UNC Threaded insert	12...14	47 nF	2F2CSA 22 S42A30X
2W2C	4-40 UNC Threaded insert	10...12	47 nF	2F2CSA 22 S43A30X
2W2C	4-40 UNC Threaded insert	8...10	47 nF	2F2CSA 22 S44A30X
2W2C	M3 Threaded insert	16...20	47 nF	2F2CSA 22 S41A20X
2W2C	M3 Threaded insert	12...14	47 nF	2F2CSA 22 S42A20X
2W2C	M3 Threaded insert	10...12	47 nF	2F2CSA 22 S43A20X
2W2C	M3 Threaded insert	8...10	47 nF	2F2CSA 22 S44A20X

PLUG CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
2W2C	Through-hole	16...20	47 nF	2F2CPA 22 S41A10X
2W2C	Through-hole	12...14	47 nF	2F2CPA 22 S42A10X
2W2C	Through-hole	10...12	47 nF	2F2CPA 22 S43A10X
2W2C	Through-hole	8...10	47 nF	2F2CPA 22 S44A10X
2W2C	4-40 UNC Threaded insert	16...20	47 nF	2F2CPA 22 S41A30X
2W2C	4-40 UNC Threaded insert	12...14	47 nF	2F2CPA 22 S42A30X
2W2C	4-40 UNC Threaded insert	10...12	47 nF	2F2CPA 22 S43A30X
2W2C	4-40 UNC Threaded insert	8...10	47 nF	2F2CPA 22 S44A30X
2W2C	M3 Threaded insert	16...20	47 nF	2F2CPA 22 S41A20X
2W2C	M3 Threaded insert	12...14	47 nF	2F2CPA 22 S42A20X
2W2C	M3 Threaded insert	10...12	47 nF	2F2CPA 22 S43A20X
2W2C	M3 Threaded insert	8...10	47 nF	2F2CPA 22 S44A20X

For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

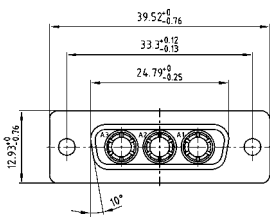
# C-FILTER COMBINATION D-SUB 3W3

Solder cup – Precision machined contacts – For wire size AWG 8...20



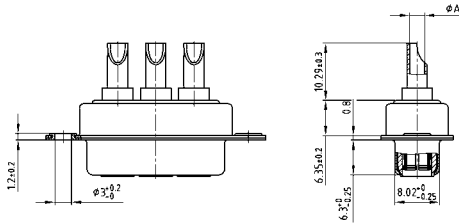
RoHS compliant – UL listed, File No.: E228329

## SOCKET CONNECTOR

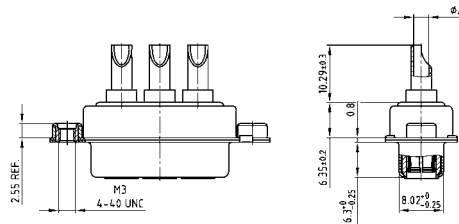


Termination Code	Current Rating	Wire Size	Ø A
41	10A	AWG 16-20	1.80
42	20A	AWG 12-14	2.70
43	30A	AWG 10-12	3.50
44	40A	AWG 8-10	4.80

Mounting style: Through-hole



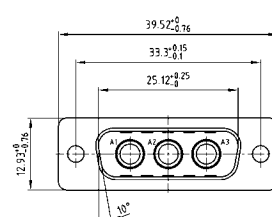
Mounting style: Threaded insert



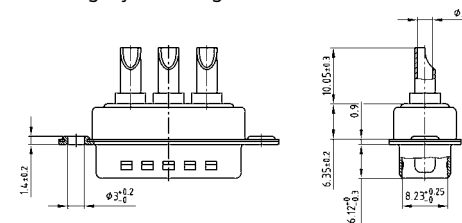
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole, Ø .118"/3 mm
  - with 4-40 UNC or M3 threaded insert
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

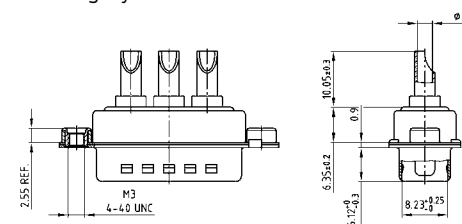
## PLUG CONNECTOR



Mounting style: Through-hole



Mounting style: Threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
3W3	Through-hole	16...20	47 nF	3F3SSA 22 S41A10X
3W3	Through-hole	12...14	47 nF	3F3SSA 22 S42A10X
3W3	Through-hole	10...12	47 nF	3F3SSA 22 S43A10X
3W3	Through-hole	8...10	47 nF	3F3SSA 22 S44A10X
3W3	4-40 UNC Threaded insert	16...20	47 nF	3F3SSA 22 S41A30X
3W3	4-40 UNC Threaded insert	12...14	47 nF	3F3SSA 22 S42A30X
3W3	4-40 UNC Threaded insert	10...12	47 nF	3F3SSA 22 S43A30X
3W3	4-40 UNC Threaded insert	8...10	47 nF	3F3SSA 22 S44A30X
3W3	M3 Threaded insert	16...20	47 nF	3F3SSA 22 S41A20X
3W3	M3 Threaded insert	12...14	47 nF	3F3SSA 22 S42A20X
3W3	M3 Threaded insert	10...12	47 nF	3F3SSA 22 S43A20X
3W3	M3 Threaded insert	8...10	47 nF	3F3SSA 22 S44A20X

PLUG CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
3W3	Through-hole	16...20	47 nF	3F3SPA 22 S41A10X
3W3	Through-hole	12...14	47 nF	3F3SPA 22 S42A10X
3W3	Through-hole	10...12	47 nF	3F3SPA 22 S43A10X
3W3	Through-hole	8...10	47 nF	3F3SPA 22 S44A10X
3W3	4-40 UNC Threaded insert	16...20	47 nF	3F3SPA 22 S41A30X
3W3	4-40 UNC Threaded insert	12...14	47 nF	3F3SPA 22 S42A30X
3W3	4-40 UNC Threaded insert	10...12	47 nF	3F3SPA 22 S43A30X
3W3	4-40 UNC Threaded insert	8...10	47 nF	3F3SPA 22 S44A30X
3W3	M3 Threaded insert	16...20	47 nF	3F3SPA 22 S41A20X
3W3	M3 Threaded insert	12...14	47 nF	3F3SPA 22 S42A20X
3W3	M3 Threaded insert	10...12	47 nF	3F3SPA 22 S43A20X
3W3	M3 Threaded insert	8...10	47 nF	3F3SPA 22 S44A20X

For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 3W3C

Solder cup – Precision machined contacts – For wire size AWG 8...20

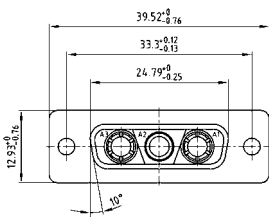


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

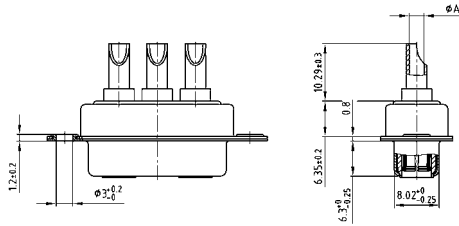
- Coded socket connector = 1 Plug and 2 Socket contacts
- Coded plug connector = 2 Plugs and 1 Socket contact
- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole,  $\varnothing .118''/3 \text{ mm}$
  - with 4-40 UNC or M3 threaded insert
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

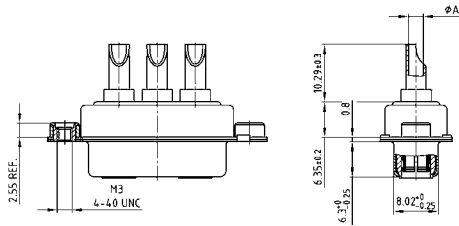


Termination Code	Current Rating	Wire Size	Ø A
41	10A	AWG 16-20	1.80
42	20A	AWG 12-14	2.70
43	30A	AWG 10-12	3.50
44	40A	AWG 8-10	4.80

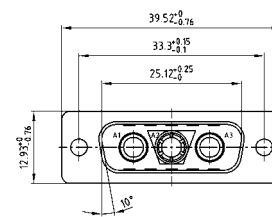
Mounting style: Through-hole



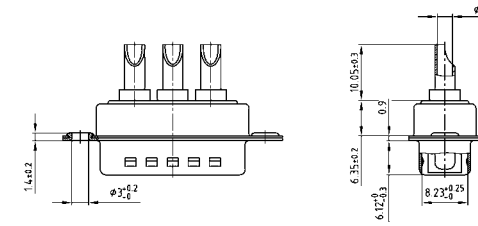
Mounting style: Threaded insert



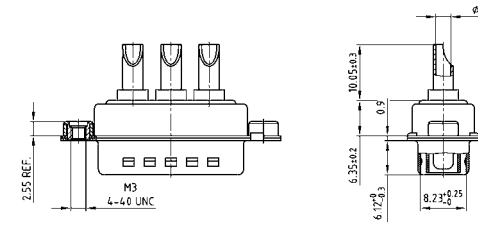
## PLUG CONNECTOR



Mounting style: Through-hole



Mounting style: Threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
3W3C	Through-hole	16...20	47 nF	3F3CSA 22 S41A10X
3W3C	Through-hole	12...14	47 nF	3F3CSA 22 S42A10X
3W3C	Through-hole	10...12	47 nF	3F3CSA 22 S43A10X
3W3C	Through-hole	8...10	47 nF	3F3CSA 22 S44A10X
3W3C	4-40 UNC Threaded insert	16...20	47 nF	3F3CSA 22 S41A30X
3W3C	4-40 UNC Threaded insert	12...14	47 nF	3F3CSA 22 S42A30X
3W3C	4-40 UNC Threaded insert	10...12	47 nF	3F3CSA 22 S43A30X
3W3C	4-40 UNC Threaded insert	8...10	47 nF	3F3CSA 22 S44A30X
3W3C	M3 Threaded insert	16...20	47 nF	3F3CSA 22 S41A20X
3W3C	M3 Threaded insert	12...14	47 nF	3F3CSA 22 S42A20X
3W3C	M3 Threaded insert	10...12	47 nF	3F3CSA 22 S43A20X
3W3C	M3 Threaded insert	8...10	47 nF	3F3CSA 22 S44A20X

PLUG CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
3W3C	Through-hole	16...20	47 nF	3F3CPA 22 S41A10X
3W3C	Through-hole	12...14	47 nF	3F3CPA 22 S42A10X
3W3C	Through-hole	10...12	47 nF	3F3CPA 22 S43A10X
3W3C	Through-hole	8...10	47 nF	3F3CPA 22 S44A10X
3W3C	4-40 UNC Threaded insert	16...20	47 nF	3F3CPA 22 S41A30X
3W3C	4-40 UNC Threaded insert	12...14	47 nF	3F3CPA 22 S42A30X
3W3C	4-40 UNC Threaded insert	10...12	47 nF	3F3CPA 22 S43A30X
3W3C	4-40 UNC Threaded insert	8...10	47 nF	3F3CPA 22 S44A30X
3W3C	M3 Threaded insert	16...20	47 nF	3F3CPA 22 S41A20X
3W3C	M3 Threaded insert	12...14	47 nF	3F3CPA 22 S42A20X
3W3C	M3 Threaded insert	10...12	47 nF	3F3CPA 22 S43A20X
3W3C	M3 Threaded insert	8...10	47 nF	3F3CPA 22 S44A20X

For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05



# C-FILTER COMBINATION D-SUB 5W5

Solder cup – Precision machined contacts – For wire size AWG 8...20

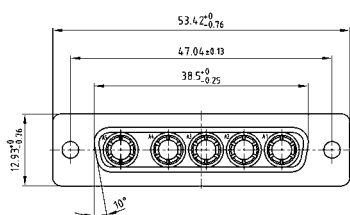


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

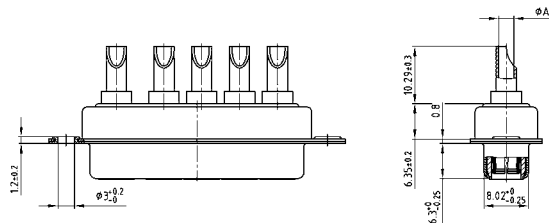
- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole,  $\varnothing$  .118"/3 mm
  - with 4-40 UNC or M3 threaded insert
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

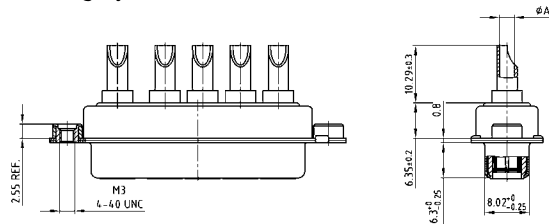


Termination Code	Current Rating	Wire Size	Ø A
41	10A	AWG 16-20	1.80
42	20A	AWG 12-14	2.70
43	30A	AWG 10-12	3.50
44	40A	AWG 8-10	4.80

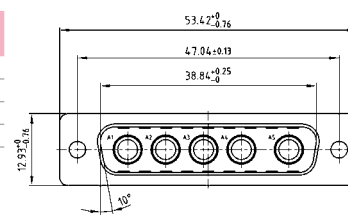
Mounting style: Through-hole



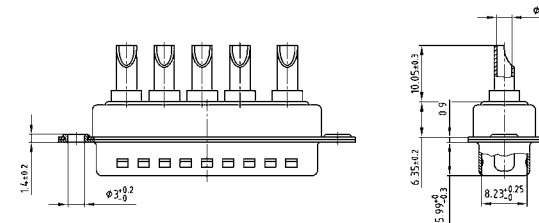
Mounting style: Threaded insert



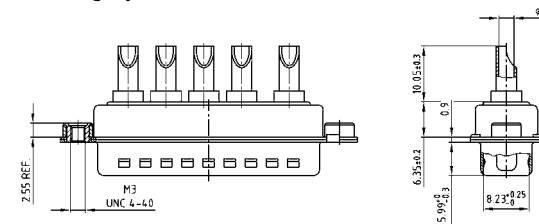
## PLUG CONNECTOR



Mounting style: Through-hole



Mounting style: Threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
5W5	Through-hole	16...20	47 nF	5F5SSA 22 S41A10X
5W5	Through-hole	12...14	47 nF	5F5SSA 22 S42A10X
5W5	Through-hole	10...12	47 nF	5F5SSA 22 S43A10X
5W5	Through-hole	8...10	47 nF	5F5SSA 22 S44A10X
5W5	4-40 UNC Threaded insert	16...20	47 nF	5F5SSA 22 S41A30X
5W5	4-40 UNC Threaded insert	12...14	47 nF	5F5SSA 22 S42A30X
5W5	4-40 UNC Threaded insert	10...12	47 nF	5F5SSA 22 S43A30X
5W5	4-40 UNC Threaded insert	8...10	47 nF	5F5SSA 22 S44A30X
5W5	M3 Threaded insert	16...20	47 nF	5F5SSA 22 S41A20X
5W5	M3 Threaded insert	12...14	47 nF	5F5SSA 22 S42A20X
5W5	M3 Threaded insert	10...12	47 nF	5F5SSA 22 S43A20X
5W5	M3 Threaded insert	8...10	47 nF	5F5SSA 22 S44A20X

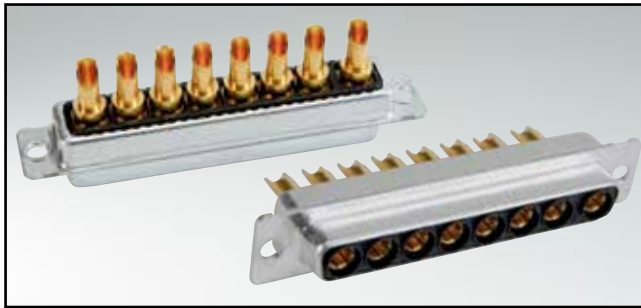
PLUG CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
5W5	Through-hole	16...20	47 nF	5F5SPA 22 S41A10X
5W5	Through-hole	12...14	47 nF	5F5SPA 22 S42A10X
5W5	Through-hole	10...12	47 nF	5F5SPA 22 S43A10X
5W5	Through-hole	8...10	47 nF	5F5SPA 22 S44A10X
5W5	4-40 UNC Threaded insert	16...20	47 nF	5F5SPA 22 S41A30X
5W5	4-40 UNC Threaded insert	12...14	47 nF	5F5SPA 22 S42A30X
5W5	4-40 UNC Threaded insert	10...12	47 nF	5F5SPA 22 S43A30X
5W5	4-40 UNC Threaded insert	8...10	47 nF	5F5SPA 22 S44A30X
5W5	M3 Threaded insert	16...20	47 nF	5F5SPA 22 S41A20X
5W5	M3 Threaded insert	12...14	47 nF	5F5SPA 22 S42A20X
5W5	M3 Threaded insert	10...12	47 nF	5F5SPA 22 S43A20X
5W5	M3 Threaded insert	8...10	47 nF	5F5SPA 22 S44A20X

For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 8W8

Solder cup – Precision machined contacts – For wire size AWG 8...20

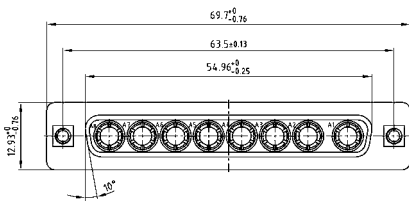


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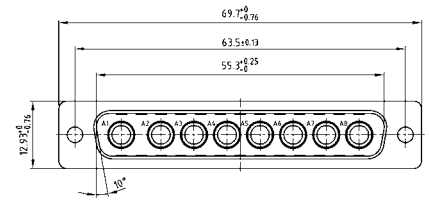
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole, Ø .118"/3 mm
  - with 4-40 UNC or M3 threaded insert
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

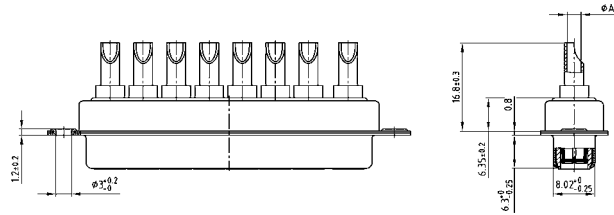
## SOCKET CONNECTOR



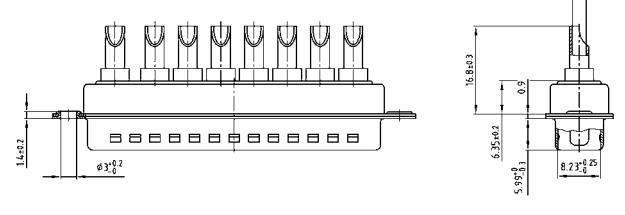
Termination Code	Current Rating	Wire Size	Ø A
41	10A	AWG 16-20	1.80
42	20A	AWG 12-14	2.70
43	30A	AWG 10-12	3.50
44	40A	AWG 8-10	4.80



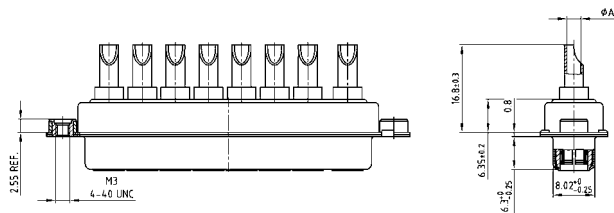
Mounting style: Through-hole



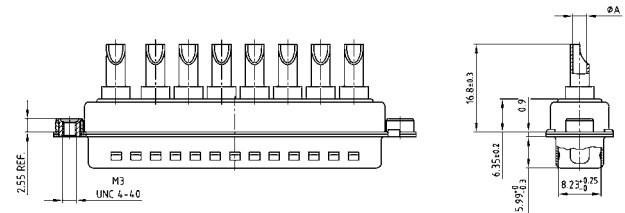
Mounting style: Through-hole



Mounting style: Threaded insert



Mounting style: Threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
8W8	Through-hole	16...20	47 nF	8F8SSA 22 S41A10X
8W8	Through-hole	12...14	47 nF	8F8SSA 22 S42A10X
8W8	Through-hole	10...12	47 nF	8F8SSA 22 S43A10X
8W8	Through-hole	8...10	47 nF	8F8SSA 22 S44A10X
8W8	4-40 UNC Threaded insert	16...20	47 nF	8F8SSA 22 S41A30X
8W8	4-40 UNC Threaded insert	12...14	47 nF	8F8SSA 22 S42A30X
8W8	4-40 UNC Threaded insert	10...12	47 nF	8F8SSA 22 S43A30X
8W8	4-40 UNC Threaded insert	8...10	47 nF	8F8SSA 22 S44A30X
8W8	M3 Threaded insert	16...20	47 nF	8F8SSA 22 S41A20X
8W8	M3 Threaded insert	12...14	47 nF	8F8SSA 22 S42A20X
8W8	M3 Threaded insert	10...12	47 nF	8F8SSA 22 S43A20X
8W8	M3 Threaded insert	8...10	47 nF	8F8SSA 22 S44A20X

PLUG CONNECTOR				
Type	Mounting style	AWG	Capacitance	Part Number
8W8	Through-hole	16...20	47 nF	8F8SPA 22 S41A10X
8W8	Through-hole	12...14	47 nF	8F8SPA 22 S42A10X
8W8	Through-hole	10...12	47 nF	8F8SPA 22 S43A10X
8W8	Through-hole	8...10	47 nF	8F8SPA 22 S44A10X
8W8	4-40 UNC Threaded insert	16...20	47 nF	8F8SPA 22 S41A30X
8W8	4-40 UNC Threaded insert	12...14	47 nF	8F8SPA 22 S42A30X
8W8	4-40 UNC Threaded insert	10...12	47 nF	8F8SPA 22 S43A30X
8W8	4-40 UNC Threaded insert	8...10	47 nF	8F8SPA 22 S44A30X
8W8	M3 Threaded insert	16...20	47 nF	8F8SPA 22 S41A20X
8W8	M3 Threaded insert	12...14	47 nF	8F8SPA 22 S42A20X
8W8	M3 Threaded insert	10...12	47 nF	8F8SPA 22 S43A20X
8W8	M3 Threaded insert	8...10	47 nF	8F8SPA 22 S44A20X

For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

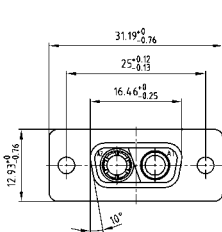
# C-FILTER COMBINATION D-SUB 2W2C

Solder pin – Straight – Precision machined contacts

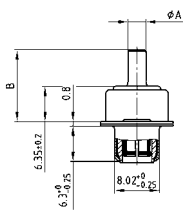


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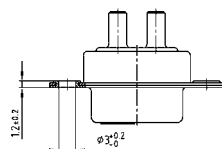
## SOCKET CONNECTOR



Termination Code	Current Rating	Ø A	B ± 0.3	PCB Thickness
48	20A	1.95	9.65	1.6
49	20A	2.60	10.65	1.6
50	20A	2.85	10.05	1.6
51	30A	3.18	12.85	1.6/ 2.3/ 3.2
52	40A	3.75	11.10	1.6/ 2.3/ 3.2



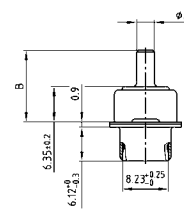
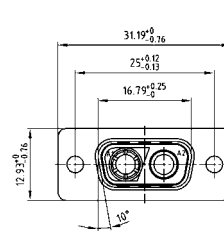
Mounting style: Through-hole



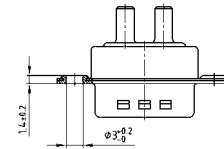
## DESCRIPTION

- Coded design = 1 plug and 1 socket contact
- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole Ø .118"/3.0 mm
  - with 4-40 UNC threaded insert
  - with 4-40 UNC threaded rear spacer
  - with 4-40 UNC threaded rear spacer with PCB clip, .291"/7.4 mm
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## PLUG CONNECTOR



Mounting style: Through-hole



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
2W2C	Through-hole	.080"/1.95	47 nF	2F2CSA 22 S48A10X
2W2C	Through-hole	.102"/2.60	47 nF	2F2CSA 22 S49A10X
2W2C	Through-hole	.110"/2.85	47 nF	2F2CSA 22 S50A10X
2W2C	Through-hole	.130"/3.18	47 nF	2F2CSA 22 S51A10X
2W2C	Through-hole	.150"/3.75	47 nF	2F2CSA 22 S52A10X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
2W2C	Through-hole	.080"/1.95	47 nF	2F2CPA 22 S48A10X
2W2C	Through-hole	.102"/2.60	47 nF	2F2CPA 22 S49A10X
2W2C	Through-hole	.110"/2.85	47 nF	2F2CPA 22 S50A10X
2W2C	Through-hole	.130"/3.18	47 nF	2F2CPA 22 S51A10X
2W2C	Through-hole	.150"/3.75	47 nF	2F2CPA 22 S52A10X

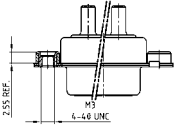
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 2W2C – MOUNTING STYLES

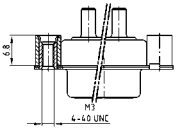
## Solder pin – Straight – Precision machined contacts

### ORDER DATA



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded insert	.080"/1.95	47 nF	2F2CSA 22 S48A30X
2W2C	Threaded insert	.102"/2.60	47 nF	2F2CSA 22 S49A30X
2W2C	Threaded insert	.110"/2.85	47 nF	2F2CSA 22 S50A30X
2W2C	Threaded insert	.130"/3.18	47 nF	2F2CSA 22 S51A30X
2W2C	Threaded insert	.150"/3.75	47 nF	2F2CSA 22 S52A30X

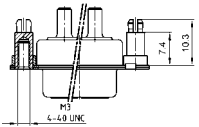
PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded insert	.080"/1.95	47 nF	2F2CPA 22 S48A30X
2W2C	Threaded insert	.102"/2.60	47 nF	2F2CPA 22 S49A30X
2W2C	Threaded insert	.110"/2.85	47 nF	2F2CPA 22 S50A30X
2W2C	Threaded insert	.130"/3.18	47 nF	2F2CPA 22 S51A30X
2W2C	Threaded insert	.150"/3.75	47 nF	2F2CPA 22 S52A30X



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer	.080"/1.95	47 nF	2F2CSA 22 S48A50X
2W2C	Threaded rear spacer	.102"/2.60	47 nF	2F2CSA 22 S49A50X
2W2C	Threaded rear spacer	.110"/2.85	47 nF	2F2CSA 22 S50A50X
2W2C	Threaded rear spacer	.130"/3.18	47 nF	2F2CSA 22 S51A50X
2W2C	Threaded rear spacer	.150"/3.75	47 nF	2F2CSA 22 S52A50X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer	.080"/1.95	47 nF	2F2CPA 22 S48A50X
2W2C	Threaded rear spacer	.102"/2.60	47 nF	2F2CPA 22 S49A50X
2W2C	Threaded rear spacer	.110"/2.85	47 nF	2F2CPA 22 S50A50X
2W2C	Threaded rear spacer	.130"/3.18	47 nF	2F2CPA 22 S51A50X
2W2C	Threaded rear spacer	.150"/3.75	47 nF	2F2CPA 22 S52A50X

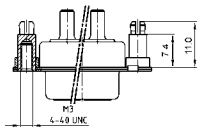
.291" / 7.4 mm for .063" / 1.6 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer PCB clip	.080"/1.95	47 nF	2F2CSA 22 S48E20X
2W2C	Threaded rear spacer PCB clip	.102"/2.60	47 nF	2F2CSA 22 S49E20X
2W2C	Threaded rear spacer PCB clip	.110"/2.85	47 nF	2F2CSA 22 S50E20X
2W2C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	2F2CSA 22 S51E20X
2W2C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	2F2CSA 22 S52E20X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer PCB clip	.080"/1.95	47 nF	2F2CPA 22 S48E20X
2W2C	Threaded rear spacer PCB clip	.102"/2.60	47 nF	2F2CPA 22 S49E20X
2W2C	Threaded rear spacer PCB clip	.110"/2.85	47 nF	2F2CPA 22 S50E20X
2W2C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	2F2CPA 22 S51E20X
2W2C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	2F2CPA 22 S52E20X

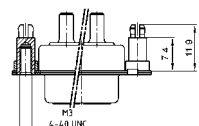
.291" / 7.4 mm for .091" / 2.3 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	2F2CSA 22 S51E40X
2W2C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	2F2CSA 22 S52E40X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	2F2CPA 22 S51E40X
2W2C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	2F2CPA 22 S52E40X

.291" / 7.4 mm for .126" / 3.2 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	2F2CSA 22 S51E60X
2W2C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	2F2CSA 22 S52E60X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	2F2CPA 22 S51E60X
2W2C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	2F2CPA 22 S52E60X

For other capacitance values refer to the part number creator.

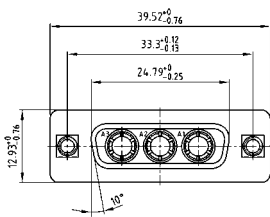
# C-FILTER COMBINATION D-SUB 3W3

Solder pin – Straight – Precision machined contacts

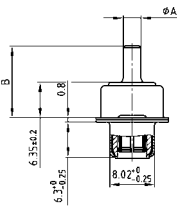


RoHS compliant – UL listed, File No.: E228329

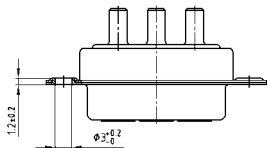
## SOCKET CONNECTOR



Termination Code	Current Rating	Ø A	B ± 0.3	PCB Thickness
48	20A	1.95	9.65	1.6
49	20A	2.60	10.65	1.6
50	20A	2.85	10.05	1.6
51	30A	3.18	12.85	1.6/ 2.3/ 3.2
52	40A	3.75	11.10	1.6/ 2.3/ 3.2



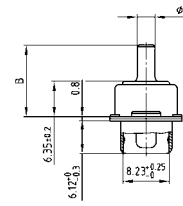
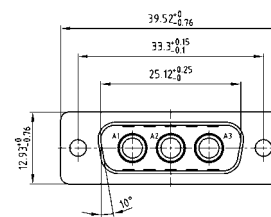
Mounting style: Through-hole



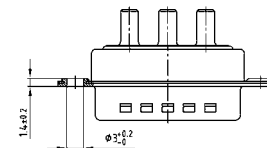
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole Ø .118"/3.0 mm
  - with 4-40 UNC threaded insert
  - with 4-40 UNC threaded rear spacer
  - with 4-40 UNC threaded rear spacer with PCB clip, .291"/7.4 mm
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## PLUG CONNECTOR



Mounting style: Through-hole



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
3W3	Through-hole	.080"/1.95	47 nF	3F3SSA 22 S48A10X
3W3	Through-hole	.102"/2.60	47 nF	3F3SSA 22 S49A10X
3W3	Through-hole	.110"/2.85	47 nF	3F3SSA 22 S50A10X
3W3	Through-hole	.130"/3.18	47 nF	3F3SSA 22 S51A10X
3W3	Through-hole	.150"/3.75	47 nF	3F3SSA 22 S52A10X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
3W3	Through-hole	.080"/1.95	47 nF	3F3SPA 22 S48A10X
3W3	Through-hole	.102"/2.60	47 nF	3F3SPA 22 S49A10X
3W3	Through-hole	.110"/2.85	47 nF	3F3SPA 22 S50A10X
3W3	Through-hole	.130"/3.18	47 nF	3F3SPA 22 S51A10X
3W3	Through-hole	.150"/3.75	47 nF	3F3SPA 22 S52A10X

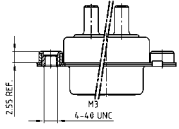
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 3W3 – MOUNTING STYLES

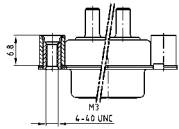
## Solder pin – Straight – Precision machined contacts

### ORDER DATA



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded insert	.080"/1.95	47 nF	3F3SSA 22 S48A30X
3W3	Threaded insert	.102"/2.60	47 nF	3F3SSA 22 S49A30X
3W3	Threaded insert	.110"/2.85	47 nF	3F3SSA 22 S50A30X
3W3	Threaded insert	.130"/3.18	47 nF	3F3SSA 22 S51A30X
3W3	Threaded insert	.150"/3.75	47 nF	3F3SSA 22 S52A30X

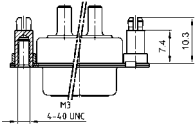
PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded insert	.080"/1.95	47 nF	3F3SPA 22 S48A30X
3W3	Threaded insert	.102"/2.60	47 nF	3F3SPA 22 S49A30X
3W3	Threaded insert	.110"/2.85	47 nF	3F3SPA 22 S50A30X
3W3	Threaded insert	.130"/3.18	47 nF	3F3SPA 22 S51A30X
3W3	Threaded insert	.150"/3.75	47 nF	3F3SPA 22 S52A30X



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer	.080"/1.95	47 nF	3F3SSA 22 S48A50X
3W3	Threaded rear spacer	.102"/2.60	47 nF	3F3SSA 22 S49A50X
3W3	Threaded rear spacer	.110"/2.85	47 nF	3F3SSA 22 S50A50X
3W3	Threaded rear spacer	.130"/3.18	47 nF	3F3SSA 22 S51A50X
3W3	Threaded rear spacer	.150"/3.75	47 nF	3F3SSA 22 S52A50X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer	.080"/1.95	47 nF	3F3SPA 22 S48A50X
3W3	Threaded rear spacer	.102"/2.60	47 nF	3F3SPA 22 S49A50X
3W3	Threaded rear spacer	.110"/2.85	47 nF	3F3SPA 22 S50A50X
3W3	Threaded rear spacer	.130"/3.18	47 nF	3F3SPA 22 S51A50X
3W3	Threaded rear spacer	.150"/3.75	47 nF	3F3SPA 22 S52A50X

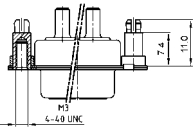
.291" / 7.4 mm for .063" / 1.6 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer PCB clip	.080"/1.95	47 nF	3F3SSA 22 S48E20X
3W3	Threaded rear spacer PCB clip	.102"/2.60	47 nF	3F3SSA 22 S49E20X
3W3	Threaded rear spacer PCB clip	.110"/2.85	47 nF	3F3SSA 22 S50E20X
3W3	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3SSA 22 S51E20X
3W3	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3SSA 22 S52E20X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer PCB clip	.080"/1.95	47 nF	3F3SPA 22 S48E20X
3W3	Threaded rear spacer PCB clip	.102"/2.60	47 nF	3F3SPA 22 S49E20X
3W3	Threaded rear spacer PCB clip	.110"/2.85	47 nF	3F3SPA 22 S50E20X
3W3	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3SPA 22 S51E20X
3W3	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3SPA 22 S52E20X

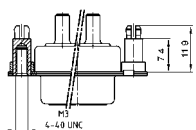
.291" / 7.4 mm for .091" / 2.3 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3SSA 22 S51E40X
3W3	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3SSA 22 S52E40X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3SPA 22 S51E40X
3W3	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3SPA 22 S52E40X

.291" / 7.4 mm for .126" / 3.2 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3SSA 22 S51E60X
3W3	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3SSA 22 S52E60X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3SPA 22 S51E60X
3W3	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3SPA 22 S52E60X

For other capacitance values refer to the part number creator.

# C-FILTER COMBINATION D-SUB 3W3C

Solder pin – Straight – Precision machined contacts

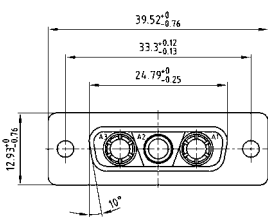


RoHS compliant – UL listed, File No.: E228329

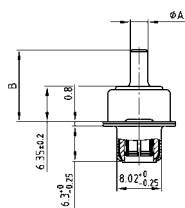
## DESCRIPTION

- Coded socket connectors = 1 plug and 2 socket contacts
- Coded plug connectors = 2 plugs and 1 socket contact
- 707 VDC (other DWV on request)
- Mounting styles: - with through-hole  $\varnothing$  .118"/3.0 mm  
- with 4-40 UNC threaded insert (M3 on request)  
- with 4-40 UNC threaded rear spacer (M3 on request)  
- with 4-40 UNC threaded rear spacer, PCB clip, .291"/7.4 mm (M3 on request)
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

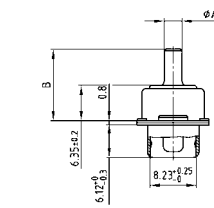
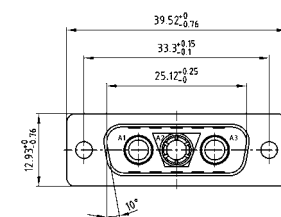
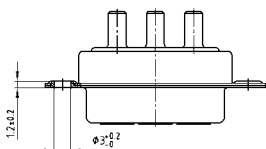
## SOCKET CONNECTOR



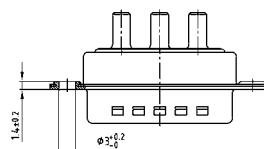
Termination Code	Current Rating	Ø A	B ± 0.3	PCB Thickness
48	20A	1.95	9.65	1.6
49	20A	2.60	10.65	1.6
50	20A	2.85	10.05	1.6
51	30A	3.18	12.85	1.6/ 2.3/ 3.2
52	40A	3.75	11.10	1.6/ 2.3/ 3.2



Mounting style: Through-hole



Mounting style: Through-hole



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
3W3C	Through-hole	.080"/1.95	47 nF	3F3CSA 22 S48A10X
3W3C	Through-hole	.102"/2.60	47 nF	3F3CSA 22 S49A10X
3W3C	Through-hole	.110"/2.85	47 nF	3F3CSA 22 S50A10X
3W3C	Through-hole	.130"/3.18	47 nF	3F3CSA 22 S51A10X
3W3C	Through-hole	.150"/3.75	47 nF	3F3CSA 22 S52A10X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
3W3C	Through-hole	.080"/1.95	47 nF	3F3CPA 22 S48A10X
3W3C	Through-hole	.102"/2.60	47 nF	3F3CPA 22 S49A10X
3W3C	Through-hole	.110"/2.85	47 nF	3F3CPA 22 S50A10X
3W3C	Through-hole	.130"/3.18	47 nF	3F3CPA 22 S51A10X
3W3C	Through-hole	.150"/3.75	47 nF	3F3CPA 22 S52A10X

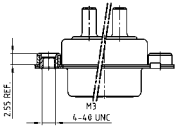
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 3W3C – MOUNTING STYLES

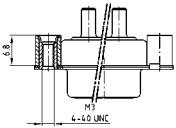
## Solder pin – Straight – Precision machined contacts

### ORDER DATA



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded insert	.080"/1.95	47 nF	3F3CSA 22 S48A30X
3W3C	Threaded insert	.102"/2.60	47 nF	3F3CSA 22 S49A30X
3W3C	Threaded insert	.110"/2.85	47 nF	3F3CSA 22 S50A30X
3W3C	Threaded insert	.130"/3.18	47 nF	3F3CSA 22 S51A30X
3W3C	Threaded insert	.150"/3.75	47 nF	3F3CSA 22 S52A30X

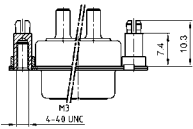
PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded insert	.080"/1.95	47 nF	3F3CPA 22 S48A30X
3W3C	Threaded insert	.102"/2.60	47 nF	3F3CPA 22 S49A30X
3W3C	Threaded insert	.110"/2.85	47 nF	3F3CPA 22 S50A30X
3W3C	Threaded insert	.130"/3.18	47 nF	3F3CPA 22 S51A30X
3W3C	Threaded insert	.150"/3.75	47 nF	3F3CPA 22 S52A30X



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer	.080"/1.95	47 nF	3F3CSA 22 S48A50X
3W3C	Threaded rear spacer	.102"/2.60	47 nF	3F3CSA 22 S49A50X
3W3C	Threaded rear spacer	.110"/2.85	47 nF	3F3CSA 22 S50A50X
3W3C	Threaded rear spacer	.130"/3.18	47 nF	3F3CSA 22 S51A50X
3W3C	Threaded rear spacer	.150"/3.75	47 nF	3F3CSA 22 S52A50X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer	.080"/1.95	47 nF	3F3CPA 22 S48A50X
3W3C	Threaded rear spacer	.102"/2.60	47 nF	3F3CPA 22 S49A50X
3W3C	Threaded rear spacer	.110"/2.85	47 nF	3F3CPA 22 S50A50X
3W3C	Threaded rear spacer	.130"/3.18	47 nF	3F3CPA 22 S51A50X
3W3C	Threaded rear spacer	.150"/3.75	47 nF	3F3CPA 22 S52A50X

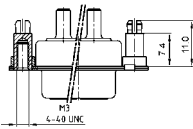
.291" / 7.4 mm for .063" / 1.6 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer PCB clip	.080"/1.95	47 nF	3F3CSA 22 S48E20X
3W3C	Threaded rear spacer PCB clip	.102"/2.60	47 nF	3F3CSA 22 S49E20X
3W3C	Threaded rear spacer PCB clip	.110"/2.85	47 nF	3F3CSA 22 S50E20X
3W3C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3CSA 22 S51E20X
3W3C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3CSA 22 S52E20X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer PCB clip	.080"/1.95	47 nF	3F3CPA 22 S48E20X
3W3C	Threaded rear spacer PCB clip	.102"/2.60	47 nF	3F3CPA 22 S49E20X
3W3C	Threaded rear spacer PCB clip	.110"/2.85	47 nF	3F3CPA 22 S50E20X
3W3C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3CPA 22 S51E20X
3W3C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3CPA 22 S52E20X

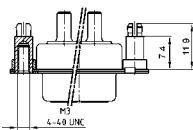
.291" / 7.4 mm for .091" / 2.3 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3CSA 22 S51E40X
3W3C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3CSA 22 S52E40X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3CPA 22 S51E40X
3W3C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3CPA 22 S52E40X

.291" / 7.4 mm for .126" / 3.2 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3CSA 22 S51E60X
3W3C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3CSA 22 S52E60X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer PCB clip	.130"/3.18	47 nF	3F3CPA 22 S51E60X
3W3C	Threaded rear spacer PCB clip	.150"/3.75	47 nF	3F3CPA 22 S52E60X

For other capacitance values refer to the part number creator.



# C-FILTER COMBINATION D-SUB 5W5

Solder pin – Straight – Precision machined contacts

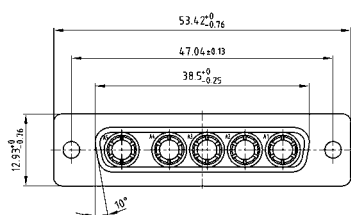


RoHS compliant – UL listed, File No.: E228329

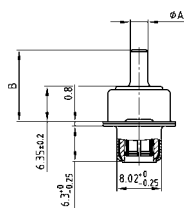
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole  $\varnothing$  .118"/3.0 mm
  - with 4-40 UNC threaded insert
  - with 4-40 UNC threaded rear spacer
  - with 4-40 UNC threaded rear spacer, PCB clip, .291"/7.4 mm
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

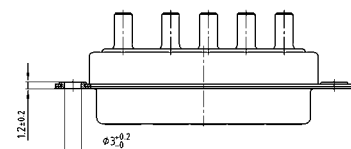
## SOCKET CONNECTOR



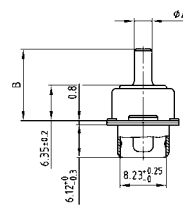
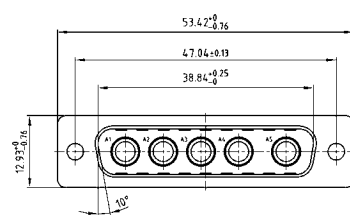
Termination Code	Current Rating	Ø A	B +0,3	PCB Thickness
48	20A	1.95	9.65	1.6
49	20A	2.60	10.65	1.6
50	20A	2.85	10.05	1.6
51	30A	3.18	12.85	1.6/ 2.3/ 3.2
52	40A	3.75	11.10	1.6/ 2.3/ 3.2



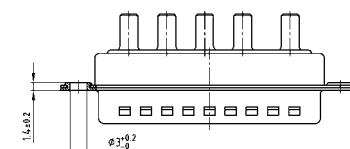
Mounting style: Through-hole



## PLUG CONNECTOR



Mounting style: Through-hole



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
5W5	Through-hole	.080"/1.95	47 nF	5F5SSA 22 S48A10X
5W5	Through-hole	.102"/2.60	47 nF	5F5SSA 22 S49A10X
5W5	Through-hole	.110"/2.85	47 nF	5F5SSA 22 S50A10X
5W5	Through-hole	.130"/3.18	47 nF	5F5SSA 22 S51A10X
5W5	Through-hole	.150"/3.75	47 nF	5F5SSA 22 S52A10X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
5W5	Through-hole	.080"/1.95	47 nF	5F5SPA 22 S48A10X
5W5	Through-hole	.102"/2.60	47 nF	5F5SPA 22 S49A10X
5W5	Through-hole	.110"/2.85	47 nF	5F5SPA 22 S50A10X
5W5	Through-hole	.130"/3.18	47 nF	5F5SPA 22 S51A10X
5W5	Through-hole	.150"/3.75	47 nF	5F5SPA 22 S52A10X

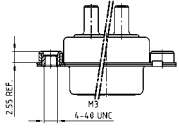
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 5W5 – MOUNTING STYLES

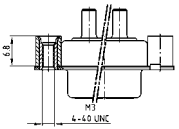
## Solder pin – Straight – Precision machined contacts

### ORDER DATA



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded insert	.080"/1.95	47 nF	5F5SSA 22 S48A30X
5W5	Threaded insert	.102"/2.60	47 nF	5F5SSA 22 S49A30X
5W5	Threaded insert	.110"/2.85	47 nF	5F5SSA 22 S50A30X
5W5	Threaded insert	.130"/3.18	47 nF	5F5SSA 22 S51A30X
5W5	Threaded insert	.150"/3.75	47 nF	5F5SSA 22 S52A30X

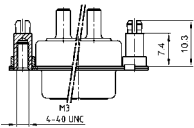
PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded insert	.080"/1.95	47 nF	5F5SPA 22 S48A30X
5W5	Threaded insert	.102"/2.60	47 nF	5F5SPA 22 S49A30X
5W5	Threaded insert	.110"/2.85	47 nF	5F5SPA 22 S50A30X
5W5	Threaded insert	.130"/3.18	47 nF	5F5SPA 22 S51A30X
5W5	Threaded insert	.150"/3.75	47 nF	5F5SPA 22 S52A30X



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer	.080"/1.95	47 nF	5F5SSA 22 S48A50X
5W5	Threaded rear spacer	.102"/2.60	47 nF	5F5SSA 22 S49A50X
5W5	Threaded rear spacer	.110"/2.85	47 nF	5F5SSA 22 S50A50X
5W5	Threaded rear spacer	.130"/3.18	47 nF	5F5SSA 22 S51A50X
5W5	Threaded rear spacer	.150"/3.75	47 nF	5F5SSA 22 S52A50X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer	.080"/1.95	47 nF	5F5SPA 22 S48A50X
5W5	Threaded rear spacer	.102"/2.60	47 nF	5F5SPA 22 S49A50X
5W5	Threaded rear spacer	.110"/2.85	47 nF	5F5SPA 22 S50A50X
5W5	Threaded rear spacer	.130"/3.18	47 nF	5F5SPA 22 S51A50X
5W5	Threaded rear spacer	.150"/3.75	47 nF	5F5SPA 22 S52A50X

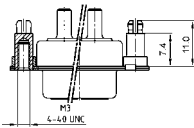
.291" / 7.4 mm for .063" / 1.6 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer PCB clip	.080"/1.95	47 nF	5F5SSA 22 S48E20X
5W5	Threaded rear spacer PCB clip	.102"/2.60	47 nF	5F5SSA 22 S49E20X
5W5	Threaded rear spacer PCB clip	.110"/2.85	47 nF	5F5SSA 22 S50E20X
5W5	Threaded rear spacer PCB clip	.130"/3.18	47 nF	5F5SSA 22 S51E20X
5W5	Threaded rear spacer PCB clip	.150"/3.75	47 nF	5F5SSA 22 S52E20X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer PCB clip	.080"/1.95	47 nF	5F5SPA 22 S48E20X
5W5	Threaded rear spacer PCB clip	.102"/2.60	47 nF	5F5SPA 22 S49E20X
5W5	Threaded rear spacer PCB clip	.110"/2.85	47 nF	5F5SPA 22 S50E20X
5W5	Threaded rear spacer PCB clip	.130"/3.18	47 nF	5F5SPA 22 S51E20X
5W5	Threaded rear spacer PCB clip	.150"/3.75	47 nF	5F5SPA 22 S52E20X

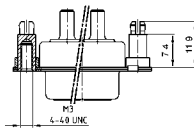
.291" / 7.4 mm for .091" / 2.3 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer PCB clip	.130"/3.18	47 nF	5F5SSA 22 S51E40X
5W5	Threaded rear spacer PCB clip	.150"/3.75	47 nF	5F5SSA 22 S52E40X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer PCB clip	.130"/3.18	47 nF	5F5SPA 22 S51E40X
5W5	Threaded rear spacer PCB clip	.150"/3.75	47 nF	5F5SPA 22 S52E40X

.291" / 7.4 mm for .126" / 3.2 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer PCB clip	.130"/3.18	47 nF	5F5SSA 22 S51E60X
5W5	Threaded rear spacer PCB clip	.150"/3.75	47 nF	5F5SSA 22 S52E60X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer PCB clip	.130"/3.18	47 nF	5F5SPA 22 S51E60X
5W5	Threaded rear spacer PCB clip	.150"/3.75	47 nF	5F5SPA 22 S52E60X

For other capacitance values refer to the part number creator.

# C-FILTER COMBINATION D-SUB 8W8

Solder pin – Straight – Precision machined contacts

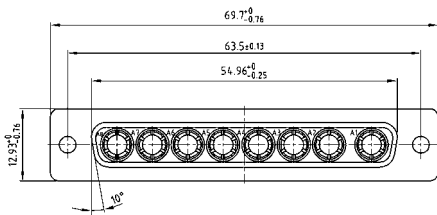


RoHS compliant – UL listed, File No.: E228329

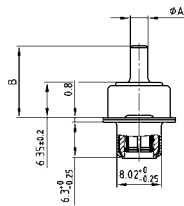
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with through-hole  $\varnothing$  .118"/3.0 mm
  - with 4-40 UNC threaded insert
  - with 4-40 UNC threaded rear spacer
  - with 4-40 UNC threaded rear spacer, PCB clip, .291"/7.4 mm
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

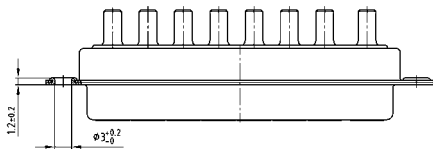
## SOCKET CONNECTOR



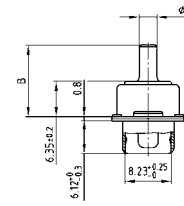
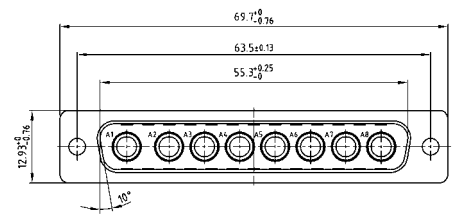
Termination Code	Current Rating	Ø A	B ± 0.3	PCB Thickness
48	20A	1.95	9.65	1.6
49	20A	2.60	10.65	1.6
50	20A	2.85	10.05	1.6
51	30A	3.18	12.85	1.6/ 2.3/ 3.2
52	40A	3.75	11.10	1.6/ 2.3/ 3.2



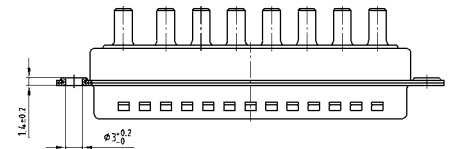
Mounting style: Through-hole



## PLUG CONNECTOR



Mounting style: Through-hole



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
8W8	Through-hole	.080"/1.95	47 nF	8F8SSA 22 S48A10X
8W8	Through-hole	.102"/2.60	47 nF	8F8SSA 22 S49A10X
8W8	Through-hole	.110"/2.85	47 nF	8F8SSA 22 S50A10X
8W8	Through-hole	.130"/3.18	47 nF	8F8SSA 22 S51A10X
8W8	Through-hole	.150"/3.75	47 nF	8F8SSA 22 S52A10X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
8W8	Through-hole	.080"/1.95	47 nF	8F8SPA 22 S48A10X
8W8	Through-hole	.102"/2.60	47 nF	8F8SPA 22 S49A10X
8W8	Through-hole	.110"/2.85	47 nF	8F8SPA 22 S50A10X
8W8	Through-hole	.130"/3.18	47 nF	8F8SPA 22 S51A10X
8W8	Through-hole	.150"/3.75	47 nF	8F8SPA 22 S52A10X

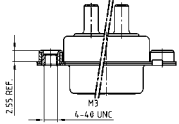
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 8W8 – MOUNTING STYLES

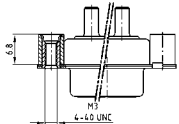
Solder pin – Straight – Precision machined contacts

**ORDER DATA**



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded insert	.080"/1.95	47 nF	8F8SSA 22 S48A30X
8W8	Threaded insert	.102"/2.60	47 nF	8F8SSA 22 S49A30X
8W8	Threaded insert	.110"/2.85	47 nF	8F8SSA 22 S50A30X
8W8	Threaded insert	.130"/3.18	47 nF	8F8SSA 22 S51A30X
8W8	Threaded insert	.150"/3.75	47 nF	8F8SSA 22 S52A30X

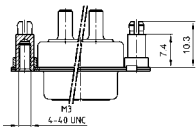
PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded insert	.080"/1.95	47 nF	8F8SPA 22 S48A30X
8W8	Threaded insert	.102"/2.60	47 nF	8F8SPA 22 S49A30X
8W8	Threaded insert	.110"/2.85	47 nF	8F8SPA 22 S50A30X
8W8	Threaded insert	.130"/3.18	47 nF	8F8SPA 22 S51A30X
8W8	Threaded insert	.150"/3.75	47 nF	8F8SPA 22 S52A30X



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer	.080"/1.95	47 nF	8F8SSA 22 S48A50X
8W8	Threaded rear spacer	.102"/2.60	47 nF	8F8SSA 22 S49A50X
8W8	Threaded rear spacer	.110"/2.85	47 nF	8F8SSA 22 S50A50X
8W8	Threaded rear spacer	.130"/3.18	47 nF	8F8SSA 22 S51A50X
8W8	Threaded rear spacer	.150"/3.75	47 nF	8F8SSA 22 S52A50X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer	.080"/1.95	47 nF	8F8SPA 22 S48A50X
8W8	Threaded rear spacer	.102"/2.60	47 nF	8F8SPA 22 S49A50X
8W8	Threaded rear spacer	.110"/2.85	47 nF	8F8SPA 22 S50A50X
8W8	Threaded rear spacer	.130"/3.18	47 nF	8F8SPA 22 S51A50X
8W8	Threaded rear spacer	.150"/3.75	47 nF	8F8SPA 22 S52A50X

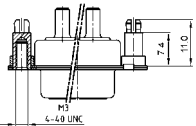
.291" / 7.4 mm for .063" / 1.6 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer PCB clip	.080"/1.95	47 nF	8F8SSA 22 S48E20X
8W8	Threaded rear spacer PCB clip	.102"/2.60	47 nF	8F8SSA 22 S49E20X
8W8	Threaded rear spacer PCB clip	.110"/2.85	47 nF	8F8SSA 22 S50E20X
8W8	Threaded rear spacer PCB clip	.130"/3.18	47 nF	8F8SSA 22 S51E20X
8W8	Threaded rear spacer PCB clip	.150"/3.75	47 nF	8F8SSA 22 S52E20X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer PCB clip	.080"/1.95	47 nF	8F8SPA 22 S48E20X
8W8	Threaded rear spacer PCB clip	.102"/2.60	47 nF	8F8SPA 22 S49E20X
8W8	Threaded rear spacer PCB clip	.110"/2.85	47 nF	8F8SPA 22 S50E20X
8W8	Threaded rear spacer PCB clip	.130"/3.18	47 nF	8F8SPA 22 S51E20X
8W8	Threaded rear spacer PCB clip	.150"/3.75	47 nF	8F8SPA 22 S52E20X

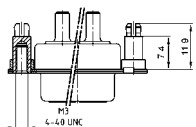
.291" / 7.4 mm for .091" / 2.3 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer PCB clip	.130"/3.18	47 nF	8F8SSA 22 S51E40X
8W8	Threaded rear spacer PCB clip	.150"/3.75	47 nF	8F8SSA 22 S52E40X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer PCB clip	.130"/3.18	47 nF	8F8SPA 22 S51E40X
8W8	Threaded rear spacer PCB clip	.150"/3.75	47 nF	8F8SPA 22 S52E40X

.291" / 7.4 mm for .126" / 3.2 mm circuit board thickness. (Length of spacer .256" / 6.5 mm on request)



SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer PCB clip	.130"/3.18	47 nF	8F8SSA 22 S51E60X
8W8	Threaded rear spacer PCB clip	.150"/3.75	47 nF	8F8SSA 22 S52E60X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer PCB clip	.130"/3.18	47 nF	8F8SPA 22 S51E60X
8W8	Threaded rear spacer PCB clip	.150"/3.75	47 nF	8F8SPA 22 S52E60X

For other capacitance values refer to the part number creator.

# C-FILTER COMBINATION D-SUB 2W2C

Solder pin – Angled – Precision machined contacts – Metal bracket

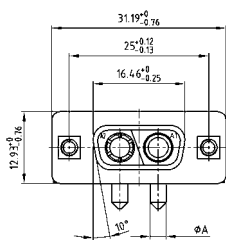


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

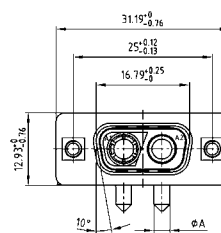
- coded design = 1 plug and 1 socket contact
- 707 VDC (other DWV on request)
- Mounting styles:
  - with mounting bracket and 4-40 UNC threaded insert
  - with mounting bracket, PCB clip and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

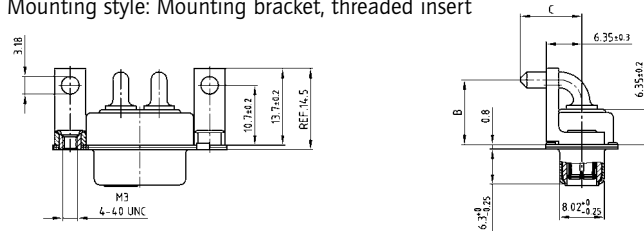


Termination Code	Current Rating	Ø A	B ± 0.3	C ± 0.3
56	20A	2.85	11.65	11.00
57	30A	3.18	20.35	9.50
58	40A	3.75	11.65	11.00

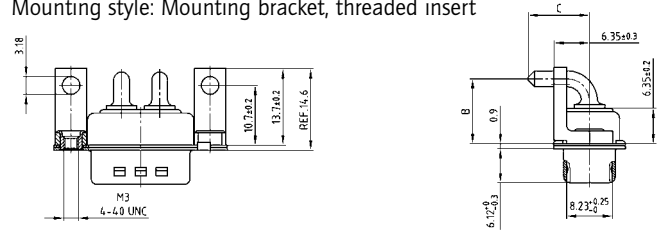
## PLUG CONNECTOR



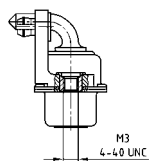
Mounting style: Mounting bracket, threaded insert



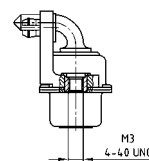
Mounting style: Mounting bracket, threaded insert



Mounting style: Mounting bracket, PCB clip and threaded insert



Mounting style: Mounting bracket, PCB clip and threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Mounting bracket/Threaded insert	.110"/2.85	47 nF	2F2CSA 22 S56K20X
2W2C	Mounting bracket/Threaded insert	.126"/3.20	47 nF	2F2CSA 22 S57K20X
2W2C	Mounting bracket/Threaded insert	.150"/3.75	47 nF	2F2CSA 22 S58K20X
2W2C	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	2F2CSA 22 S56K40X
2W2C	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	2F2CSA 22 S57K40X
2W2C	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	2F2CSA 22 S58K40X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Mounting bracket/Threaded insert	.110"/2.85	47 nF	2F2CPA 22 S56K20X
2W2C	Mounting bracket/Threaded insert	.126"/3.20	47 nF	2F2CPA 22 S57K20X
2W2C	Mounting bracket/Threaded insert	.150"/3.75	47 nF	2F2CPA 22 S58K20X
2W2C	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	2F2CPA 22 S56K40X
2W2C	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	2F2CPA 22 S57K40X
2W2C	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	2F2CPA 22 S58K40X

PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.  
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 3W3

Solder pin – Angled – Precision machined contacts – Metal bracket

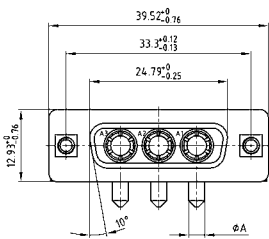


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## DESCRIPTION

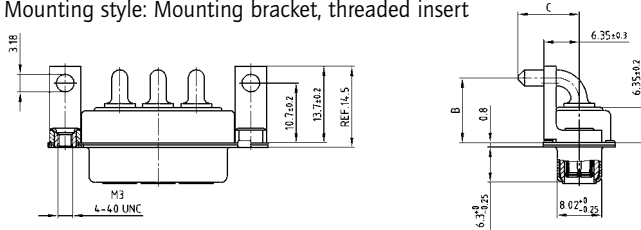
- 707 VDC (other DWV on request)
- Mounting styles:
  - with mounting bracket and 4-40 UNC threaded insert
  - with mounting bracket, PCB clip and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

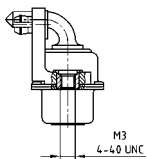


Termination Code	Current Rating	Ø A	B ± 0.3	C ± 0.3
56	20A	2.85	11.65	11.00
57	30A	3.18	20.35	9.50
58	40A	3.75	11.65	11.00

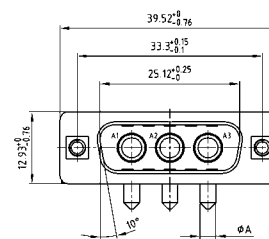
Mounting style: Mounting bracket, threaded insert



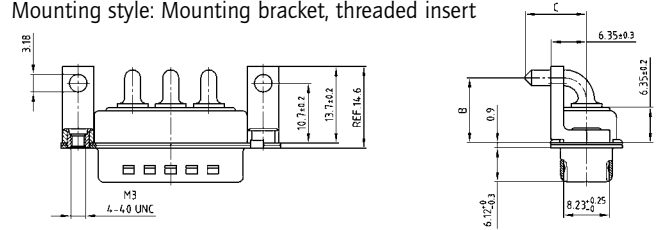
Mounting style: Mounting bracket, PCB clip and threaded insert



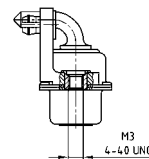
## PLUG CONNECTOR



Mounting style: Mounting bracket, threaded insert



Mounting style: Mounting bracket, PCB clip and threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Mounting bracket/Threaded insert	.110"/2.85	47 nF	3F3SSA 22 S56K20X
3W3	Mounting bracket/Threaded insert	.126"/3.20	47 nF	3F3SSA 22 S57K20X
3W3	Mounting bracket/Threaded insert	.150"/3.75	47 nF	3F3SSA 22 S58K20X
3W3	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	3F3SSA 22 S56K40X
3W3	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	3F3SSA 22 S57K40X
3W3	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	3F3SSA 22 S58K40X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
3W3	Mounting bracket/Threaded insert	.110"/2.85	47 nF	3F3SPA 22 S56K20X
3W3	Mounting bracket/Threaded insert	.126"/3.20	47 nF	3F3SPA 22 S57K20X
3W3	Mounting bracket/Threaded insert	.150"/3.75	47 nF	3F3SPA 22 S58K20X
3W3	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	3F3SPA 22 S56K40X
3W3	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	3F3SPA 22 S57K40X
3W3	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	3F3SPA 22 S58K40X

PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.  
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 3W3C

Solder pin – Angled – Precision machined contacts – Metal bracket

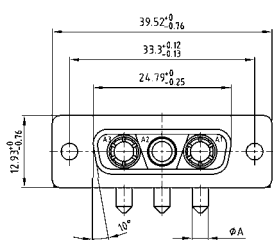


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

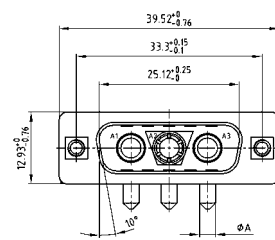
- Coded socket connector = 1 plug and 2 socket contacts
- Coded plug connector = 2 plugs and 1 socket contact
- 707 VDC (other DWV on request)
- Mounting styles:
  - with mounting bracket and 4-40 UNC threaded insert
  - with mounting bracket, PCB clip and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

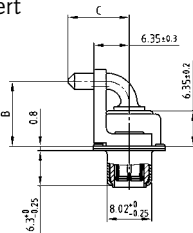
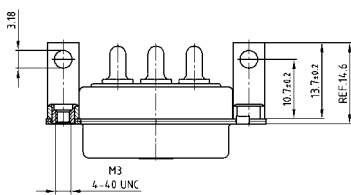


Termination Code	Current Rating	Ø A	B ± 0.3	C ± 0.3
56	20A	2.85	11.65	11.00
57	30A	3.18	20.35	9.50
58	40A	3.75	11.65	11.00

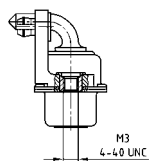
## PLUG CONNECTOR



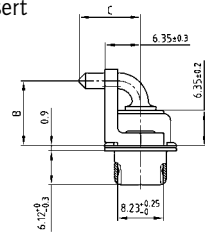
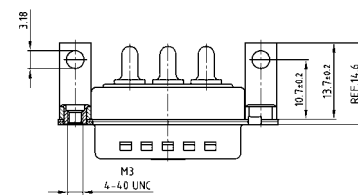
Mounting style: Mounting bracket, threaded insert



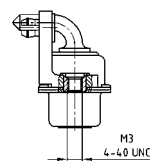
Mounting style:  
Mounting bracket, PCB clip and threaded insert



Mounting style: Mounting bracket, threaded insert



Mounting style:  
Mounting bracket, PCB clip and threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
3W3C	Mounting bracket/Threaded insert	.110"/2.85	47 nF	3F3CSA 22 S56K20X
3W3C	Mounting bracket/Threaded insert	.126"/3.20	47 nF	3F3CSA 22 S57K20X
3W3C	Mounting bracket/Threaded insert	.150"/3.75	47 nF	3F3CSA 22 S58K20X
3W3C	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	3F3CPA 22 S56K40X
3W3C	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	3F3CPA 22 S57K40X
3W3C	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	3F3CPA 22 S58K40X

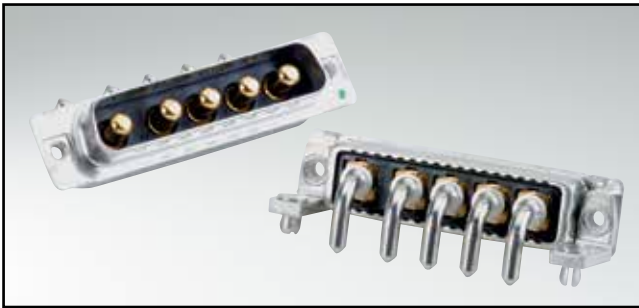
PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
3W3C	Mounting bracket/Threaded insert	.110"/2.85	47 nF	3F3CPA 22 S56K20X
3W3C	Mounting bracket/Threaded insert	.126"/3.20	47 nF	3F3CPA 22 S57K20X
3W3C	Mounting bracket/Threaded insert	.150"/3.75	47 nF	3F3CPA 22 S58K20X
3W3C	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	3F3CPA 22 S56K40X
3W3C	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	3F3CPA 22 S57K40X
3W3C	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	3F3CPA 22 S58K40X

PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.  
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 5W5

Solder pin – Angled – Precision machined contacts – Metal bracket

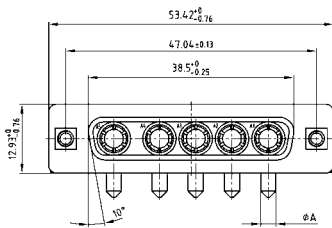


RoHS compliant – UL listed, File No.: E228329

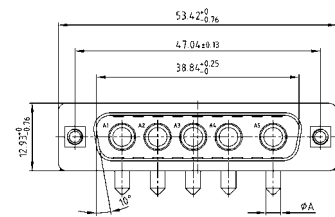
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with mounting bracket and 4-40 UNC threaded insert
  - with mounting bracket, PCB clip and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

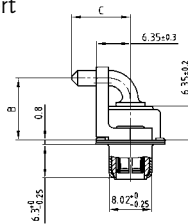
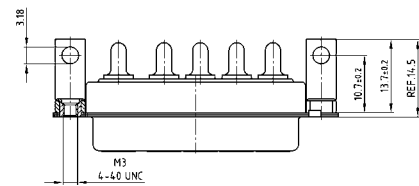


Termination Code	Current Rating	Ø A	B ± 0.3	C ± 0.3
56	20A	2.85	11.65	11.00
57	30A	3.18	20.35	9.50
58	40A	3.75	11.65	11.00

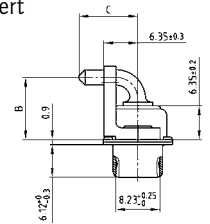
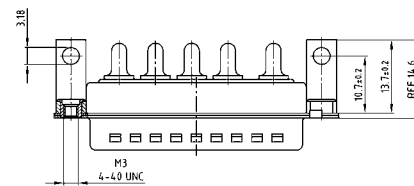


## PLUG CONNECTOR

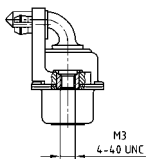
Mounting style: Mounting bracket, threaded insert



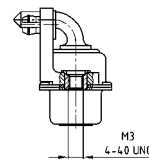
Mounting style: Mounting bracket, threaded insert



Mounting style:  
Mounting bracket, PCB clip and threaded insert



Mounting style:  
Mounting bracket, PCB clip and threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
5W5	Mounting bracket/Threaded insert	.110"/2.85	47 nF	5F5SSA 22 S56K20X
5W5	Mounting bracket/Threaded insert	.126"/3.20	47 nF	5F5SSA 22 S57K20X
5W5	Mounting bracket/Threaded insert	.150"/3.75	47 nF	5F5SSA 22 S58K20X
5W5	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	5F5SSA 22 S56K40X
5W5	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	5F5SSA 22 S57K40X
5W5	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	5F5SSA 22 S58K40X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
5W5	Mounting bracket/Threaded insert	.110"/2.85	47 nF	5F5SPA 22 S56K20X
5W5	Mounting bracket/Threaded insert	.126"/3.20	47 nF	5F5SPA 22 S57K20X
5W5	Mounting bracket/Threaded insert	.150"/3.75	47 nF	5F5SPA 22 S58K20X
5W5	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	5F5SPA 22 S56K40X
5W5	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	5F5SPA 22 S57K40X
5W5	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	5F5SPA 22 S58K40X

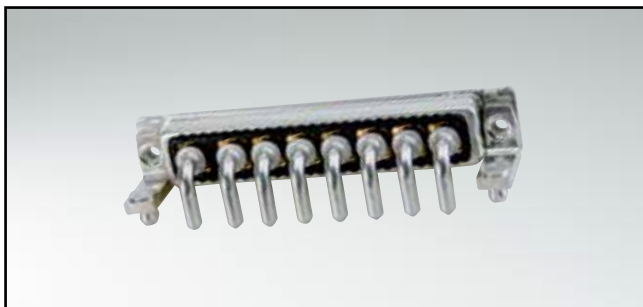
PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.  
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05



# C-FILTER COMBINATION D-SUB 8W8

Solder pin – Angled – Precision machined contacts – Metal bracket

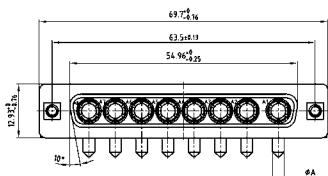


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

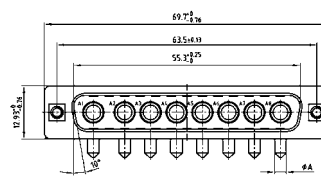
- 707 VDC (other DWV on request)
- Mounting styles:
  - with mounting bracket and 4-40 UNC threaded insert
  - with mounting bracket, PCB clip and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

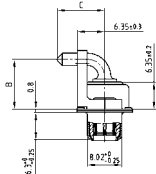
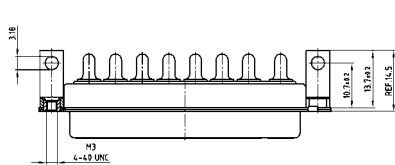


Termination Code	Current Rating	Ø A	B ± 0.3	C ± 0.3
56	20A	2.85	11.65	11.00
57	30A	3.18	20.35	9.50
58	40A	3.75	11.65	11.00

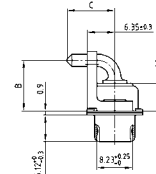
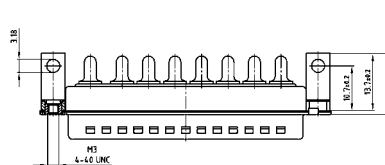
## PLUG CONNECTOR



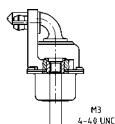
Mounting style: Mounting bracket, threaded insert



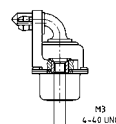
Mounting style: Mounting bracket, threaded insert



Mounting style:  
Mounting bracket, PCB clip and threaded insert



Mounting style:  
Mounting bracket, PCB clip and threaded insert



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
8W8	Mounting bracket/Threaded insert	.110"/2.85	47 nF	8F8SSA 22 S56K20X
8W8	Mounting bracket/Threaded insert	.126"/3.20	47 nF	8F8SSA 22 S57K20X
8W8	Mounting bracket/Threaded insert	.150"/3.75	47 nF	8F8SSA 22 S58K20X
8W8	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	8F8SSA 22 S56K40X
8W8	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	8F8SSA 22 S57K40X
8W8	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	8F8SSA 22 S58K40X

PLUG CONNECTOR				
Type	Mounting style	Ø A	Capacitance	Part Number
8W8	Mounting bracket/Threaded insert	.110"/2.85	47 nF	8F8SPA 22 S56K20X
8W8	Mounting bracket/Threaded insert	.126"/3.20	47 nF	8F8SPA 22 S57K20X
8W8	Mounting bracket/Threaded insert	.150"/3.75	47 nF	8F8SPA 22 S58K20X
8W8	Mounting bracket/PCB clip/Threaded insert	.110"/2.85	47 nF	8F8SPA 22 S56K40X
8W8	Mounting bracket/PCB clip/Threaded insert	.126"/3.20	47 nF	8F8SPA 22 S57K40X
8W8	Mounting bracket/PCB clip/Threaded insert	.150"/3.75	47 nF	8F8SPA 22 S58K40X

PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.  
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 2W2C

Press-fit contact – Straight – Precision machined contacts

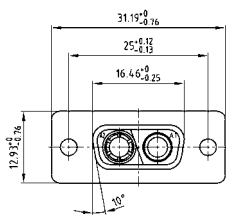


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

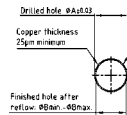
- Coded design = 1 plug and 1 socket contact
- 707 VDC (other DWV on request)
- Mounting styles:
  - with threaded rear spacer and 4-40 UNC threaded insert
  - with rear press-fit spacer and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

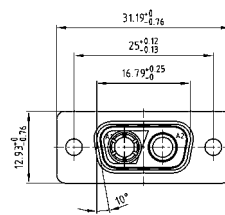


Termination Code	Current Rating	A ± 0.03	B min.	B max.
P1	30A	3.13	2.96	3.11
P2	30A	3.27	3.10	3.25
P4	30A	3.22	3.02	3.20

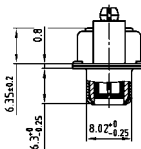
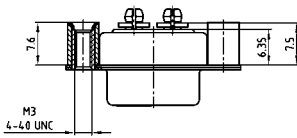
PCB hole drilling for high power press fit contact.



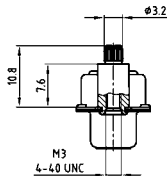
## PLUG CONNECTOR



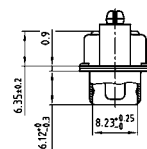
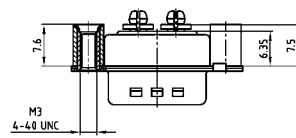
Mounting style: 4-40 UNC threaded rear spacer



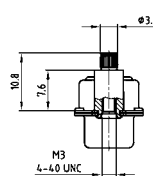
Mounting style: 4-40 UNC rear press-fit spacer



Mounting style: 4-40 UNC threaded rear spacer



Mounting style: 4-40 UNC rear press-fit spacer



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer	.120"/3.13	47 nF	2F2CSA 22 SP1AAOX
2W2C	Threaded rear spacer	.130"/3.27	47 nF	2F2CSA 22 SP2AAOX
2W2C	Threaded rear spacer	.120"/3.22	47 nF	2F2CSA 22 SP4AAOX
2W2C	Rear press-fit spacer	.120"/3.13	47 nF	2F2CSA 22 SP1W4OX
2W2C	Rear press-fit spacer	.120"/3.27	47 nF	2F2CSA 22 SP2W4OX
2W2C	Rear press-fit spacer	.120"/3.22	47 nF	2F2CSA 22 SP4W4OX

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
2W2C	Threaded rear spacer	.120"/3.13	47 nF	2F2CPA 22 SP1AAOX
2W2C	Threaded rear spacer	.130"/3.27	47 nF	2F2CPA 22 SP2AAOX
2W2C	Threaded rear spacer	.120"/3.22	47 nF	2F2CPA 22 SP4AAOX
2W2C	Rear press-fit spacer	.120"/3.13	47 nF	2F2CPA 22 SP1W4OX
2W2C	Rear press-fit spacer	.120"/3.27	47 nF	2F2CPA 22 SP2W4OX
2W2C	Rear press-fit spacer	.120"/3.22	47 nF	2F2CPA 22 SP4W4OX

PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness. For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

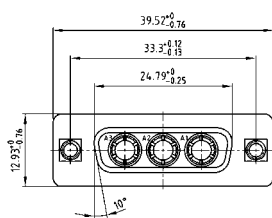
# C-FILTER COMBINATION D-SUB 3W3

Press-fit contact – Straight – Precision machined contacts



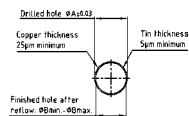
RoHS compliant – UL listed, File No.: E228329

## SOCKET CONNECTOR

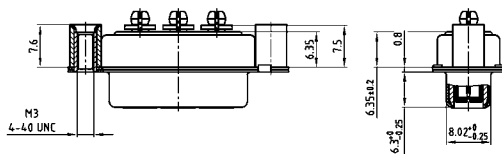


Termination Code	Current Rating	A ± 0.03	B min.	B max.
P1	30A	3.13	2.96	3.11
P2	30A	3.27	3.10	3.25
P4	30A	3.22	3.02	3.20

PCB hole drilling for high power press fit contact.



Mounting style: 4-40 UNC threaded rear spacer



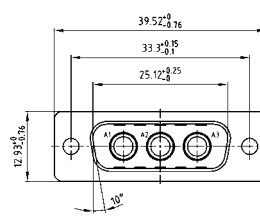
Mounting style: Rear press-fit spacer



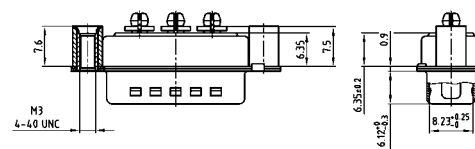
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with threaded rear spacer and 4-40 UNC threaded insert
  - with rear press-fit spacer and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

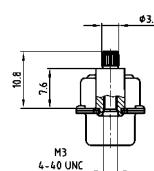
## PLUG CONNECTOR



Mounting style: 4-40 UNC threaded rear spacer



Mounting style: Rear press-fit spacer



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer	.120"/3.13	47 nF	3F3SSA 22 SP1AAOX
3W3	Threaded rear spacer	.130"/3.27	47 nF	3F3SSA 22 SP2AAOX
3W3	Threaded rear spacer	.120"/3.22	47 nF	3F3SSA 22 SP4AAOX
3W3	Rear press-fit spacer	.120"/3.13	47 nF	3F3SSA 22 SP1W4OX
3W3	Rear press-fit spacer	.120"/3.27	47 nF	3F3SSA 22 SP2W4OX
3W3	Rear press-fit spacer	.120"/3.22	47 nF	3F3SSA 22 SP4W4OX

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3	Threaded rear spacer	.120"/3.13	47 nF	3F3SPA 22 SP1AAOX
3W3	Threaded rear spacer	.130"/3.27	47 nF	3F3SPA 22 SP2AAOX
3W3	Threaded rear spacer	.120"/3.22	47 nF	3F3SPA 22 SP4AAOX
3W3	Rear press-fit spacer	.120"/3.13	47 nF	3F3SPA 22 SP1W4OX
3W3	Rear press-fit spacer	.120"/3.27	47 nF	3F3SPA 22 SP2W4OX
3W3	Rear press-fit spacer	.120"/3.22	47 nF	3F3SPA 22 SP4W4OX

PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness. For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

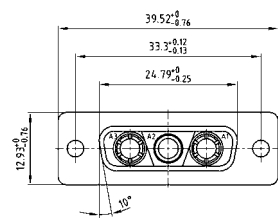
# C-FILTER COMBINATION D-SUB 3W3C

Press-fit contact – Straight – Precision machined contacts



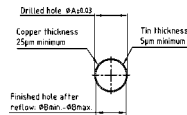
RoHS compliant – UL listed, File No.: E228329

## SOCKET CONNECTOR

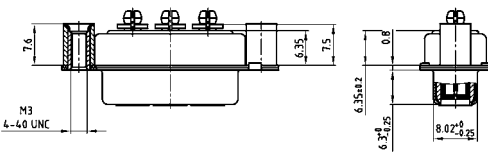


Termination Code	Current Rating	A ± 0.03	B min.	B max.
P1	30A	3.13	2.96	3.11
P2	30A	3.27	3.10	3.25
P4	30A	3.22	3.02	3.20

PCB hole drilling for high power press fit contact.



Mounting style: 4-40 UNC threaded rear spacer



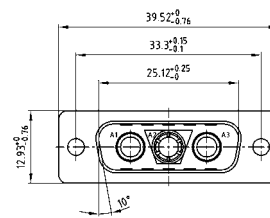
Mounting style: 4-40 UNC rear press-fit spacer



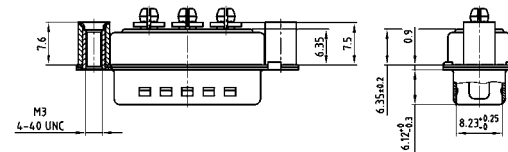
## DESCRIPTION

- Coded socket connector = 1 plug and 2 socket contacts
- Coded plug connector = 2 plugs and 1 socket contact
- 707 VDC (other DWV on request)
- Mounting styles:
  - with threaded rear spacer and 4-40 UNC threaded insert
  - with rear press-fit spacer and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

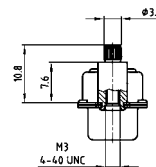
## PLUG CONNECTOR



Mounting style: 4-40 UNC threaded rear spacer



Mounting style: 4-40 UNC rear press-fit spacer



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer	.120"/3.13	47 nF	3F3CSA 22 SP1AAOX
3W3C	Threaded rear spacer	.130"/3.27	47 nF	3F3CSA 22 SP2AAOX
3W3C	Threaded rear spacer	.120"/3.22	47 nF	3F3CSA 22 SP4AAOX
3W3C	Rear press-fit spacer	.120"/3.13	47 nF	3F3CSA 22 SP1W4OX
3W3C	Rear press-fit spacer	.120"/3.27	47 nF	3F3CSA 22 SP2W4OX
3W3C	Rear press-fit spacer	.120"/3.22	47 nF	3F3CSA 22 SP4W4OX

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
3W3C	Threaded rear spacer	.120"/3.13	47 nF	3F3CPA 22 SP1AAOX
3W3C	Threaded rear spacer	.130"/3.27	47 nF	3F3CPA 22 SP2AAOX
3W3C	Threaded rear spacer	.120"/3.22	47 nF	3F3CPA 22 SP4AAOX
3W3C	Rear press-fit spacer	.120"/3.13	47 nF	3F3CPA 22 SP1W4OX
3W3C	Rear press-fit spacer	.120"/3.27	47 nF	3F3CPA 22 SP2W4OX
3W3C	Rear press-fit spacer	.120"/3.22	47 nF	3F3CPA 22 SP4W4OX

PCB clip .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.  
For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 5W5

Press-fit contact – Straight – Precision machined contacts

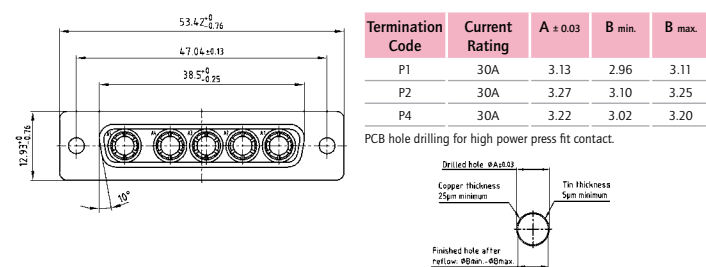


RoHS compliant – UL listed, File No.: E228329

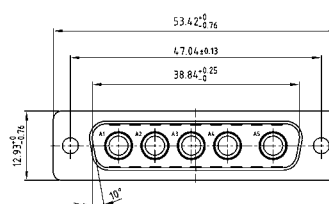
## DESCRIPTION

- 707 VDC (other DWV on request)
- Mounting styles:
  - with threaded rear spacer and 4-40 UNC threaded insert
  - with rear press-fit spacer and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

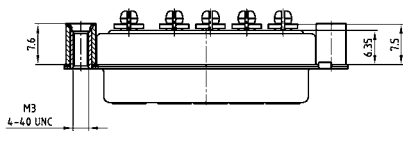
## SOCKET CONNECTOR



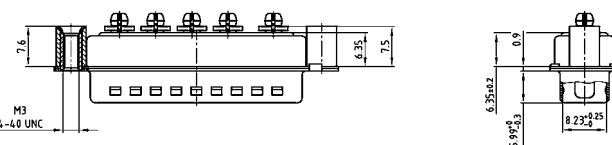
## PLUG CONNECTOR



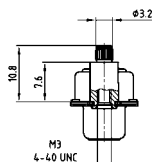
Mounting style: 4-40 UNC threaded rear spacer



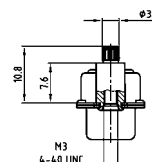
Mounting style: 4-40 UNC threaded rear spacer



Mounting style: Rear press-fit spacer



Mounting style: Rear press-fit spacer



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer	.120"/3.13	47 nF	5F5SSA 22 SP1AAOX
5W5	Threaded rear spacer	.130"/3.27	47 nF	5F5SSA 22 SP2AAOX
5W5	Threaded rear spacer	.120"/3.22	47 nF	5F5SSA 22 SP4AAOX
5W5	Rear press-fit spacer	.120"/3.13	47 nF	5F5SSA 22 SP1W4OX
5W5	Rear press-fit spacer	.120"/3.27	47 nF	5F5SSA 22 SP2W4OX
5W5	Rear press-fit spacer	.120"/3.22	47 nF	5F5SSA 22 SP4W4OX

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
5W5	Threaded rear spacer	.120"/3.13	47 nF	5F5SPA 22 SP1AAOX
5W5	Threaded rear spacer	.130"/3.27	47 nF	5F5SPA 22 SP2AAOX
5W5	Threaded rear spacer	.120"/3.22	47 nF	5F5SPA 22 SP4AAOX
5W5	Rear press-fit spacer	.120"/3.13	47 nF	5F5SPA 22 SP1W4OX
5W5	Rear press-fit spacer	.120"/3.27	47 nF	5F5SPA 22 SP2W4OX
5W5	Rear press-fit spacer	.120"/3.22	47 nF	5F5SPA 22 SP4W4OX

PCB clip: .122"/3.1 ± .004"/0.10 mm hole diameter and .063"/1.6 mm circuit board thickness.  
 For other capacitance values refer to the part number creator.

Capacitance value	Code
100 nF	28
47 nF	22
12 nF	14
10 nF	12
5 nF	08
1.3 nF	05

# C-FILTER COMBINATION D-SUB 8W8

Press-fit contact – Straight – Precision machined contacts

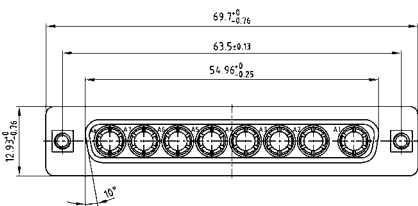


RoHS compliant – UL listed, File No.: E228329

## DESCRIPTION

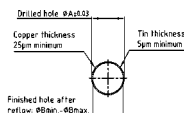
- 707 VDC (other DWV on request)
- Mounting styles:
  - with threaded rear spacer and 4-40 UNC threaded insert
  - with rear press-fit spacer and 4-40 UNC threaded insert
- Mounting styles with M3 thread on request
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated

## SOCKET CONNECTOR

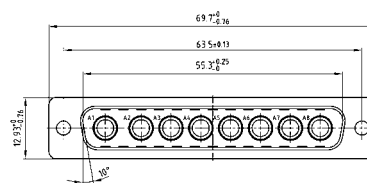


Termination Code	Current Rating	A ± 0.03	B min.	B max.
P1	30A	3.13	2.96	3.11
P2	30A	3.27	3.10	3.25
P4	30A	3.22	3.02	3.20

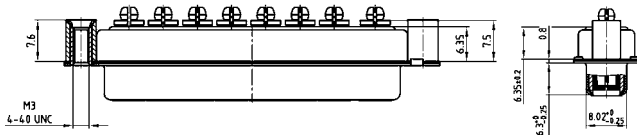
PCB hole drilling for high power press fit contact.



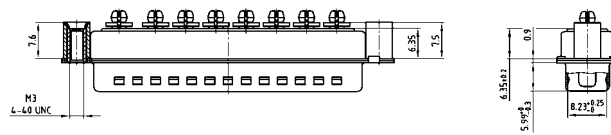
## PLUG CONNECTOR



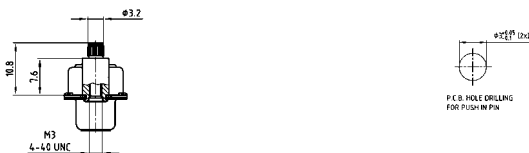
Mounting style: 4-40 UNC threaded rear spacer



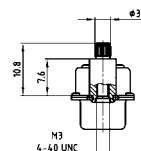
Mounting style: 4-40 UNC threaded rear spacer



Mounting style: 4-40 UNC rear press-fit spacer



Mounting style: 4-40 UNC rear press-fit spacer



## ORDER DATA

SOCKET CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer	.120"/3.13	47 nF	8F8SSA 22 SP1AA0X
8W8	Threaded rear spacer	.130"/3.27	47 nF	8F8SSA 22 SP2AA0X
8W8	Threaded rear spacer	.120"/3.22	47 nF	8F8SSA 22 SP4AA0X
8W8	Rear press-fit spacer	.120"/3.13	47 nF	8F8SSA 22 SP1W40X
8W8	Rear press-fit spacer	.120"/3.27	47 nF	8F8SSA 22 SP2W40X
8W8	Rear press-fit spacer	.120"/3.22	47 nF	8F8SSA 22 SP4W40X

PLUG CONNECTOR				
Type	Mounting style 4-40 UNC	Ø A	Capacitance	Part Number
8W8	Threaded rear spacer	.120"/3.13	47 nF	8F8SPA 22 SP1AA0X
8W8	Threaded rear spacer	.130"/3.27	47 nF	8F8SPA 22 SP2AA0X
8W8	Threaded rear spacer	.120"/3.22	47 nF	8F8SPA 22 SP4AA0X
8W8	Rear press-fit spacer	.120"/3.13	47 nF	8F8SPA 22 SP1W40X
8W8	Rear press-fit spacer	.120"/3.27	47 nF	8F8SPA 22 SP2W40X
8W8	Rear press-fit spacer	.120"/3.22	47 nF	8F8SPA 22 SP4W40X

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