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How to Create a Part Number for Filtered Combination D-Subminiature Connectors

Order Example: **3F3S** **P** **C** **08** **S** **41** **A1** **OX**

Contact Arrangements	Contact Type	Plating Code for Contacts	Capacitance	Dielectric Withstanding Voltage (DWV)	Termination (applies to High power contacts)	Mounting Style	Standard Version
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Directive 2002/95/EC
„RoHS“
Compliant

Contact Arrangement

2W2C = coded
3W3S = standard
3W3C = coded
5W5S = standard
8W8S = standard
"F")

(instead "W" please put in

Contact Type

P = Plug
S = Socket

Plating Code for Contacts

A = Quality class 3 = 50 Mating cycles *
only
C = Quality class 1 = 500 Mating cycles

* Available on request

Capacitance

05 = 1.3 nF
08 = 5.0 nF
12 = 10 nF
14 = 12 nF
22 = 47 nF
28 = 100 nF

Dielectric Withstanding Voltage (DWV)

S = 707 V DC standard
H = 1020 V DC high

Termination applies to High power contacts

41 = Solder cup 10 A

42 = Solder cup 20 A
 43 = Solder cup 30 A
 44 = Solder cup 40 A
 48 = PC tail straight 20 A, D = 1,95 mm
 49 = PC tail straight 20 A, D = 2,60 mm
 50 = PC tail straight 20 A, D = 2,85 mm
 51 = PC tail straight 30 A, D = 3,18 mm
 52 = PC tail straight 40 A, D = 3,75 mm
 56 = PC tail angled 20 A
 57 = PC tail angled 30 A
 58 = PC tail angled 40 A
 P1 = Pressfit 30 A
 P2 = Pressfit 30 A
 P4 = Pressfit 30 A

Mounting Style

A1 = riveted
 A2 = threaded insert M3
 A3 = threaded insert UNC 4-40
 A4 = threaded rear spacer M3
 A5 = threaded rear spacer UNC 4-40
 A9 = threaded rear spacer with press fit M3
 AA = threaded rear spacer with press fit UNC 4-40
 C1 = threaded rear spacer - Clip M3, PCB .062 in.
 C2 = threaded rear spacer - Clip UNC 4-40, PCB .062 in.
 C3 = threaded rear spacer - Clip M3, PCB .095 in.
 C4 = threaded rear spacer - Clip UNC 4-40, PCB .095 in.
 C5 = threaded rear spacer - Clip M3, PCB .125 in.
 C6 = threaded rear spacer - Clip UNC 4-40, PCB .125 in.
 D1 = threaded lock and spacer - clip M3, PCB .062 in.
 D2 = threaded lock and spacer - clip UNC 4-40, PCB .062 in.
 D3 = threaded lock and spacer - clip M3, PCB .095 in.
 D4 = threaded lock and spacer - clip UNC 4-40, PCB .095 in.
 D5 = threaded lock and spacer - clip M3, PCB .125 in.
 D6 = threaded lock and spacer - clip UNC 4-40, PCB .125 in.
 E1 = threaded rear spacer - Clip M3, PCB .062 in. standard
 E2 = threaded rear spacer - Clip UNC 4-40, PCB .062 in. standard
 E3 = threaded rear spacer - Clip M3, PCB .095 in. standard
 E4 = threaded rear spacer - Clip UNC 4-40, PCB .095 in. standard
 E5 = threaded rear spacer - Clip M3, PCB .125 in. standard
 E6 = threaded rear spacer - Clip UNC 4-40, PCB .125 in. standard
 F1 = threaded lock and spacer - clip M3, PCB .062 in. standard
 F2 = threaded lock and spacer - clip UNC 4-40, PCB .062 in. standard
 F3 = threaded lock and spacer - clip M3, PCB .095 in. standard
 F4 = threaded lock and spacer - clip UNC 4-40, PCB .095 in. standard
 F5 = threaded lock and spacer - clip M3, PCB .125 in. standard
 F6 = threaded lock and spacer - clip UNC 4-40, PCB .125 in. standard
 K1 = metal bracket with threaded insert M3
 K2 = metal bracket with threaded insert UNC 4-40
 K3 = metal bracket with threaded insert M3 and Clip
 K4 = metal bracket with threaded insert UNC 4-40 and Clip
 L1 = metal bracket with spacer M3
 L2 = metal bracket with spacer UNC 4-40
 L3 = metal bracket with spacer M3 and Clip
 L4 = metal bracket with spacer UNC 4-40 and Clip
 W3 = threaded rear spacer with push in pin M3
 W4 = threaded rear spacer with push in pin UNC 4-40

Standard

OX = standard

Part numbers must always end with **OX**

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