

PART NUMBER CREATOR

for standard version

3 003W3 S X X 6 1 A 1 O X

Product Line

- 3 = Shell steel tin plated
 1 = Brass tin plated*
 5 = Shell yellow chromated* (not RoHS compliant)
 A = Stainless steel*

*on request

Shell size and design

- 1 = 5W1, 2W2C
 2 = 3W3, 7W2, 11W1, 3W3C
 3 = 5W5, 9W4, 13W3, 17W2, 21W1
 4 = 8W8, 13W6, 17W5, 21W4, 25W3, 27W2
 5 = 24W7, 36W4, 43W2, 47W1

Empty positions ADD „0“ = 003W3

Contact type

- P = Plug connector
 S = Socket connector

Surface/Quality class for SIGNAL contacts

- A = Quality class 3 = 50 mating cycles
 B = Quality class 2 = 200 mating cycles*
 C = Quality class 1 = 500 mating cycles
 J = Special application = > 500 mating cycles (on request)*
 X = Crimp and 3W3, 5W5, 8W8, 2W2C, 3W3C (no contacts are supplied with the connector)

*on request

Termination only for SIGNAL contacts

- K = Crimp without contacts
 M = Solder cup
 N = Wire wrap, .500" / 12.7 mm
 P = Press fit
 R = Solder pin, straight, .220" / 5.6 mm
 T = Solder pin, angled, .280" / 7.19 mm
- U = Solder pin, angled, .370" / 9.40 mm
 W* = Solder pin, angled, .450" / 11.43 mm
 X = 3W3, 5W5, 8W8, 2W2C, 3W3C
 Z* = Solder pin, angled, .540" / 13.84 mm
 * = please contact us

Termination for HIGH POWER- or COAXIAL contacts

Quality class 3/Quality class 1

- C1 = Solder/Crimp angled 10 A
 C2 = Solder/Crimp angled 20 A
 C3 = Solder/Crimp angled 30 A
 C4 = Solder/Crimp angled 40 A
 F2,61/F1,41 = Solder cup 10 A
 F4,62/F3,42 = Solder cup 20 A
 F6,63/F5,43 = Solder cup 30 A
 F8,64/F7,44 = Solder cup 40 A
 68/48 = Solder pin, straight 20 A, D= .077" / 1.95 mm
 69/49 = Solder pin, straight 20 A, D= .102" / 2.60 mm
 70/50 = Solder pin, straight 20 A, D= .110" / 2.85 mm
 71/51 = Solder pin, straight 30 A, D= .130" / 3.18 mm
 72/52 = Solder pin, straight 40 A, D= .150" / 3.75 mm

Quality class 3/Quality class 1

- 59/55 = Solder pin, angled 15 A
 73/56 = Solder pin, angled 20 A
 74/57 = Solder pin, angled 30 A
 75/58 = Solder pin, angled 40 A
 77/60 = Solder pin, angled 40 A
 81/66 = Solder pin, angled 20 A
 82/67 = Solder pin, angled 30 A
 85/65 = Solder pin, angled 30 A
 G7/76 = 3 Solder pins Straight 50 Ω
 G9/78 = 3 Solder pins angled 50 Ω
 H1/79 = 3 Solder pins angled 50 Ω
 H4/80 = 5 Solder pins angled 50 Ω
 G8/86 = 3 Solder pins Straight 75 Ω

Quality class 3/Quality class 1

- H2/88 = 3 Solder pins angled 75 Ω
 H3/89 = 3 Solder pins angled 75 Ω
 H5/90 = 5 Solder pins angled 75 Ω
 91 = Screw termination 20 A
 /P1 = press fit 30A
 /P2 = press fit 30A
 /P4 = press fit 30A
 99 = no high power, coax or crimp contacts loaded
 Coaxial contacts with cable termination must be ordered separately.

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
 A6 = Float fastening
 A7 = Threaded rear spacer for M3 press fit
 A8 = Threaded rear spacer for 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 clip and threaded rear spacer with PCB clip, PCB .063" / 1.60 mm
 D2 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .063" / 1.60 mm
 D3 = M3 clip and threaded rear spacer with PCB clip, PCB .091" / 2.30 mm
 D4 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .091" / 2.30 mm
 D5 = M3 clip and threaded rear spacer with PCB clip, PCB .126" / 3.20 mm
 D6 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .126" / 3.20 mm
 E1 = M3 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 clip and threaded rear spacer with PCB clip, PCB .063" / 1.60 mm
 F2 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .063" / 1.60 mm
 F3 = M3 clip and threaded rear spacer with PCB clip, PCB .091" / 2.30 mm
 F4 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .091" / 2.30 mm
 F5 = M3 clip and threaded rear spacer with PCB clip, PCB .126" / 3.20 mm
 F6 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .126" / 3.20 mm
 G1 = Metal bracket, M3 threaded insert for .370" / 9.40 mm
 G2 = Metal bracket, 4-40 UNC threaded insert for .370" / 9.40 mm
 G3 = Metal bracket, M3 threaded insert and clip for .370" / 9.40 mm
 G4 = Metal bracket, 4-40 UNC threaded insert and clip for .370" / 9.40 mm
 H1 = Metal bracket, M3 threaded lock for .370" / 9.40 mm
 H2 = Metal bracket, 4-40 UNC threaded lock for .370" / 9.40 mm
 H3 = Metal bracket, M3 threaded lock and clip for .370" / 9.40 mm
 H4 = Metal bracket, 4-40 UNC threaded lock and clip for .370" / 9.40 mm
 N1 = Metal bracket, M3 threaded insert for .280" / 7.19 mm
 N2 = Metal bracket, 4-40 UNC threaded insert for .280" / 7.19 mm
 N3 = Metal bracket, M3 threaded insert and clip for .280" / 7.19 mm
 N4 = Metal bracket, 4-40 UNC threaded insert and clip for .280" / 7.19 mm
 P1 = Metal bracket, M3 threaded lock for .280" / 7.19 mm
 P2 = Metal bracket, 4-40 UNC threaded lock for .280" / 7.19 mm
 P3 = Metal bracket, M3 threaded lock and clip for .280" / 7.19 mm
 P4 = Metal bracket, 4-40 UNC threaded lock and clip for .280" / 7.19 mm
 W1 = Threaded rear spacer with M3 press in pin
 W2 = Threaded rear spacer with 4-40 UNC press in pin

OX = Standard

PART NUMBER CREATOR

for High Density

3 H19W1 S C M 4 1 A 1 O X

Product Line

- 1 = Shell brass tin plated
 - 3 = Shell tin plated*
 - 5 = Shell yellow chromated* (not RoHS compliant)
 - A = Shell stainless steel*
- *on request

Shell size and design

- 2 =19W1
 - 3 =15W4
 - 4 =45W2
- H = High Density

Contact type

- P = Plug connector
- S = Socket connector

Quality class for SIGNAL contacts

- A = Quality class 3 = 50 mating cycles
 - B = Quality class 2 = 200 mating cycles*
 - C = Quality class 1 = 500 mating cycles
 - J = Special application = > 500 mating cycles*
- *on request

Termination only for SIGNAL contacts

- M = Solder cup
 - P = Press-fit*
 - R = Solder pin, straight
 - W = Solder pin, angled .450" / 11,43 mm*
 - T = Solder pin, angled .350" / 7,98 mm
- *on request

Termination for HIGH POWER- or COAXIAL contacts

Quality class 3/Quality class 1

- F2,61/F1,41 = Solder cup 10 A
- F4,62/F3,42 = Solder cup 20 A
- F6,63/F5,43 = Solder cup 30 A
- F8,64/F7,44 = Solder cup 40 A
- 68/48 = Solder pin, straight 20 A, D= .077" / 1.95 mm
- 69/49 = Solder pin, straight 20 A, D= .102" / 2.60 mm
- 70/50 = Solder pin, straight 20 A, D= .110" / 2.85 mm
- 71/51 = Solder pin, straight 30 A, D= .130" / 3.18 mm
- 72/52 = Solder pin, straight 40 A, D= .150" / 3.75 mm
- 59/55 = Solder pin, angled 15 A
- 73/56 = Solder pin, angled 20 A
- 74/57 = Solder pin, angled 30 A
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Quality class 3/Quality class 1

- 77/60 = Solder pin, angled 40 A
- 81/66 = Solder pin, angled 20 A
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- 85/65 = Solder pin, angled 30 A
- G7/76 = 3 Solder pins Straight 50 Ω
- G9/78 = 3 Solder pins angled 50 Ω
- H1/79 = 3 Solder pins angled 50 Ω
- H4/80 = 5 Solder pins angled 50 Ω
- G8/86 = 3 Solder pins Straight 75 Ω
- H2/88 = 3 Solder pins angled 75 Ω
- H3/89 = 3 Solder pins angled 75 Ω
- H5/90 = 5 Solder pins angled 75 Ω
- 91 = Screw termination 20 A

Quality class 1

- P1 = press fit 30A
 - P2 = press fit 30A
 - P4 = press fit 30A
 - 99 = no high power, coax or crimp contacts loaded
- Coaxial contacts with cable termination must be ordered separately.

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
- A6 = Float fastening
- A7 = Threaded rear spacer for M3 press fit
- A8 = Threaded rear spacer for 4-40 UNC press fit
- E1 = M3 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 clip and threaded rear spacer with PCB clip, PCB .063"/1.60 mm
- F2 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .063"/1.60 mm
- F3 = M3 clip and threaded rear spacer with PCB clip, PCB .091"/2.30 mm
- F4 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .091"/2.30 mm
- F5 = M3 clip and threaded rear spacer with PCB clip, PCB .126"/3.20 mm
- F6 = 4-40 UNC clip and threaded rear spacer with PCB clip, PCB .126"/3.20 mm
- G5 = Metal bracket, M3 threaded insert for .350"/7,98 mm
- G6 = Metal bracket, 4-40 UNC threaded insert for .350"/7,98 mm
- G7 = Metal bracket, M3 threaded insert and Clip for .350"/7,98 mm
- G8 = Metal bracket, 4-40 UNC threaded insert and Clip for .350"/7,98 mm
- H5 = Metal bracket, M3 threaded lock for .350"/7,98 mm
- H6 = Metal bracket, 4-40 UNC threaded lock for .350"/7,98 mm
- H7 = Metal bracket, M3 threaded lock and Clip for .350"/7,98 mm
- H8 = Metal bracket, 4-40 UNC threaded lock and Clip for .350"/7,98 mm
- W1 = Threaded rear spacer with M3 press in pin
- W2 = Threaded rear spacer with 4-40 UNC press in pin

OX = Standard