D-SUB
PCB Straight Female Stamping Pin Type
DS02 Series

Pro Components

Pb Lead Free
RoHS Compliant

AA TYPE

CA TYPE (4.0)

BA TYPE (6.0)

BB TYPE (6.0, 4.8)

DA TYPE (4.0)

DB TYPE (4.0, 4.8)

GB TYPE (2.0, 4.8)

Dimensions: C, B, A, 2.77±0.05, 2.84±0.05, 7.90, 12.50, 1.10, 5.90, 16.50, 4.80

Specifications

Current Rating: 5 Amp
Operating Temp.: -55°C ~ +105°C
Dielectric Strength : 1000V / minute
Insulation Resistance: 1000MΩ Min. at 500V DC
Contact Resistance: 30 million hms Max.
Insulator Material: PBT+30% Glass Fiber (UL94V-0)
Contact: Brass
Contact Plated: Selective Gold Flash (Standard),
         Gold Plated On Contact Area,
         Tin Plated on Solder Area
Shell: Steel, Nickel Plated (Standard)
Screw: Brass, Nickel Plated

Part Numbering System

DS02 - XX F X X X X X X

Series

Contact Number:
09 15 19 23 25 37 50

Contact Type:
F = Female

Contact Plating:
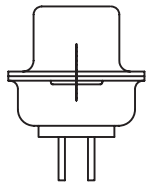G = Gold Flash
S = Selective Gold Flash (Standard)

Shell Plating:
N = Nickel (Standard)
T = Tin
Z = Zinc

Insulator Color:
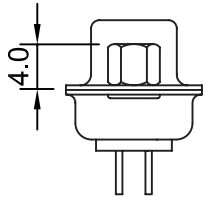1 = White
2 = Blue
3 = Black

Parts Option:
A = No Accessories
B = Fixed Jack Screws 4.8x11.8mm
C = Fixed Jack Screws 4.8x10.8mm
D = Loose Jack Screws 4.8x11.8mm
    (In Poly Bag)
E = Fixed Jack Screws 5.8x10.8mm
F = Loose Jack Screws 5.8x10.8mm
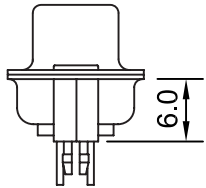   (In Poly Bag)

Process Option:
A = Though Hole
B = Riveted Board Fork Lock 6.0mm
C = Riveted 4.0 Hex Nut (Front)
D = Riveted 4.0 Hex Nut (Rear)
E = Riveted 6.0 Hex Nut (Front)
F = Riveted 6.0 Hex Nut (Rear)
G = Non-Riveted 2.0 Hex Nut (Rear)

POSITION	A	B	C
9	16.33	24.99	30.81
15	24.66	33.62	39.14
19	29.92	39.03	44.80
23	35.18	44.36	50.30
25	38.38	47.04	53.04
37	54.84	63.50	69.32

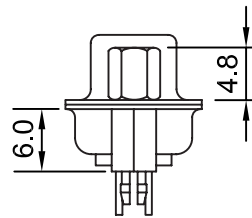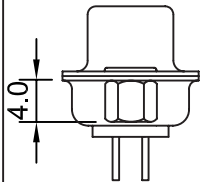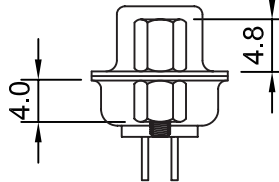| General Tolerance	
X. ± 0.50	X.° ± 5°
.X ± 0.20	.X° ± 2°
.XX ± 0.10	.XX° ± 1°
Units : mm	

AA TYPE

CA TYPE

BA TYPE

BB TYPE

DA TYPE

DB TYPE
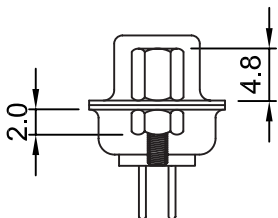
GB TYPE

Hex Nut

4#-40 UNC

Jack Screw

4#-40 UNC

Specifications

Current Rating: 5 Amp
Operating Temp.: -55°C ~ +105°C
Dielectric Strength : 1000V / minute
Insulation Resistance: 1000MΩ Min. at 500V DC
Contact Resistance: 30 million hms Max.
Insulator Material: PBT+30% Glass Fiber (UL94V-0)
Contact: Brass
Contact Plated: Selective Gold Flash (Standard),
　　　　　　　Gold Plated On Contact Area,
　　　　　　　Tin Plated on Solder Area
Shell: Steel, Nickel Plated (Standard)
Screw: Brass, Nickel Plated

Part Numbering System

DS02 - XX M X X X X X

Series

Contact Number:
09 15 19 23 25 37 50

Contact Type:
M = Male

Contact Plating:
G = Gold Flash
S = Selective Gold Flash (Standard)

Shell Plating:
T = Tin
N = Nickel (Standard)
Z = Zinc
P = Tin + Dimple
Q = Nickel + Dimple

Insulator Color:
1 = White
2 = Blue
3 = Black

Parts Option:
A = No Accessories
B = Fixed Jack Screws 4.8x11.8mm
C = Fixed Jack Screws 4.8x10.8mm
D = Loose Jack Screws 4.8x11.8mm
　　(In Poly Bag)
E = Fixed Jack Screws 5.8x10.8mm
F = Loose Jack Screws 5.8x10.8mm
　　(In Poly Bag)

Process Option:
A = Though Hole
B = Riveted Board Fork Lock 6.0mm
C = Riveted 4.0 Hex Nut (Front)
D = Riveted 4.0 Hex Nut (Rear)
E = Riveted 6.0 Hex Nut (Front)
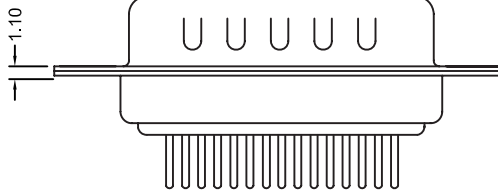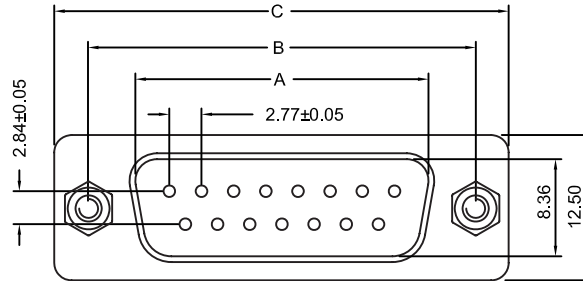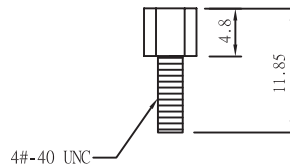F = Riveted 6.0 Hex Nut (Rear)
G = Non-Riveted 2.0 Hex Nut (Rear)

POSITION	A	B	C	D
9	16.92	24.99	30.81	19.28
15	25.25	33.62	39.14	27.51
19	30.60	39.03	44.80	33.02
23	35.90	44.36	50.30	38.15
25	38.96	47.04	53.04	41.30
37	55.42	63.50	69.32	57.71

General Tolerance	
X. ± 0.50	X.° ± 5°
.X ± 0.20	.X° ± 2°
.XX ± 0.10	.XX° ± 1°
Units : mm	