

D-Subminiature Connector Empty Crimp Shell With Male & Female Type



DCH Series (Plug) & (Socket)

FEATURES:

- . Contact positions: 09,15,25,37 and 50
- . Provides variable empty insulator for different contact numbers and contact options requested
- . Optional plating available
- . Mates with industry compatible connectors
- . Accepts crimp terminal DT-M Series

MATERIALS:

- . Housing: PBT+30% Glass Fiber (UL 94V-0)
- . Shell: Cold Roller Steel

ELECTRICAL CHARACTERISTICS:

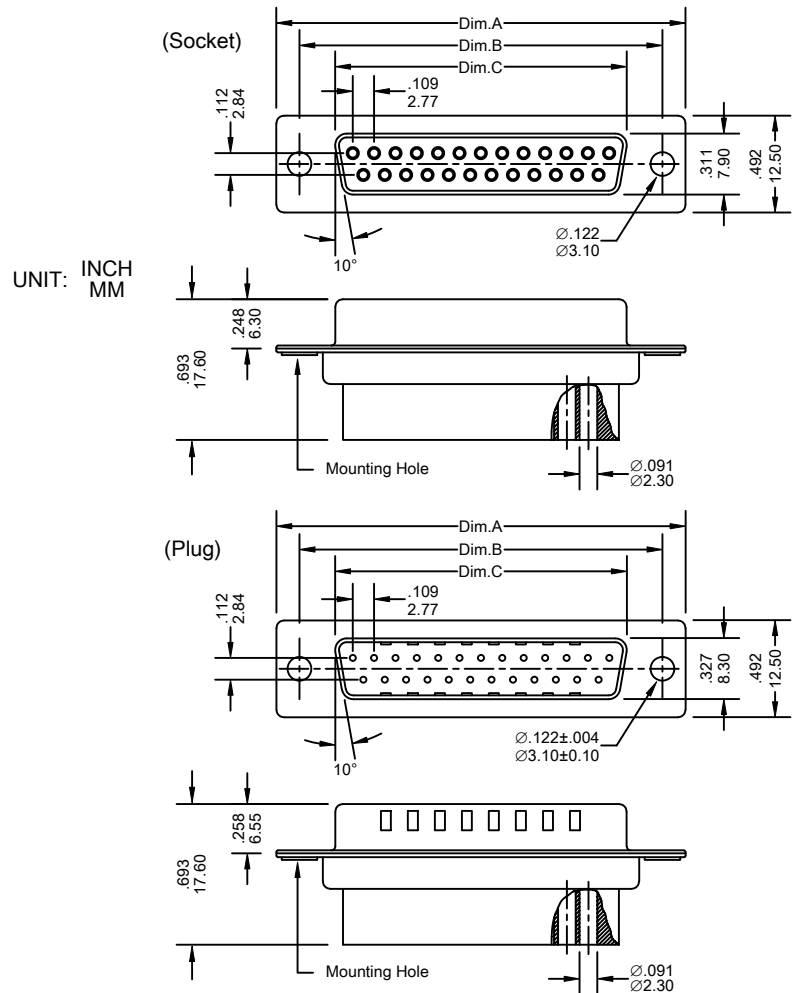
- . Current rating: 5 Amperes
- . Withstanding Voltage: AC 1250V r.m.s
- . Insulation Resistance: 5000 Megohms Minimum at DC 500V
- . Contact Resistance: 15 Milliohms Maximum
- . Operation Temperature: -55C° ~ +105C°
- . Applicable wire: #20 AWG ~ #28 AWG

MECHANICAL CHARACTERISTICS:

- . Contact Resistance Force: 341 g. Maximum
- . Contact Separation Force: 20 g. Minimum

FINISHES:

- . Contact: Gold Flash ,10,15,30,50u"
- . Shell: Nickel Plated, Tin Plated



Ordering Information DCH Series

| Series No. | No. of Contacts | Contact Type | Shell Finish | Mounting Hole | Insulation Color | |
|------------|-------------------|--------------------------------------|---------------------|--|--|------|
| DCH | - 25 | M - | 1 | 0 | 0 | - PB |
| DCH Series | 09 15 25 37 50 | M: Male (Plug) F: Female (Socket) | 0: Nickel 1: Tin | 0: Through Hole 1: Thread Insert #4-40 uncs 2: Front Rivete #4-40 nuts 3: Rear Rivet #4-40 nuts | 0: Black 1: Blue 2: White 3: Grey | RoHs |

Dimensional Information (Socket)

| Dim. | Circuits | 9 | 15 | 25 | 37 | 50 |
|--------|----------|-------|-------|-------|-------|-------|
| Dim.A± | .015 | 1.213 | 1.543 | 2.089 | 2.732 | 2.634 |
| | 0.38 | 30.80 | 39.20 | 53.05 | 69.40 | 66.90 |
| Dim.B± | .005 | .984 | 1.311 | 1.852 | 2.500 | 2.406 |
| | 0.13 | 25.00 | 33.30 | 47.05 | 63.50 | 61.10 |
| Dim.C± | .005 | .642 | .969 | 1.510 | 2.158 | 2.063 |
| | 0.13 | 16.30 | 24.60 | 38.35 | 54.80 | 52.40 |

Dimensional Information (Plug)

| Dim. | Circuits | 9 | 15 | 25 | 37 | 50 |
|--------|----------|-------|-------|-------|-------|-------|
| Dim.A± | .015 | 1.213 | 1.543 | 2.089 | 2.732 | 2.634 |
| | 0.38 | 30.80 | 39.20 | 53.05 | 69.40 | 66.90 |
| Dim.B± | .005 | .984 | 1.311 | 1.852 | 2.500 | 2.406 |
| | 0.13 | 25.00 | 33.30 | 47.05 | 63.50 | 61.10 |
| Dim.C± | .005 | .665 | .994 | 1.534 | 2.181 | 2.079 |
| | 0.13 | 16.90 | 25.25 | 38.95 | 55.40 | 52.80 |