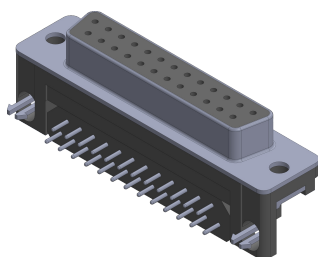
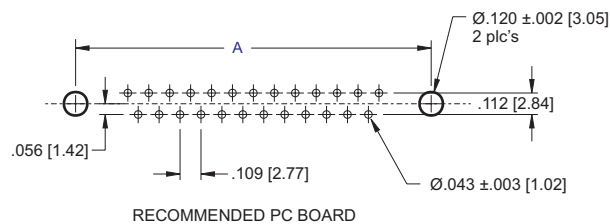
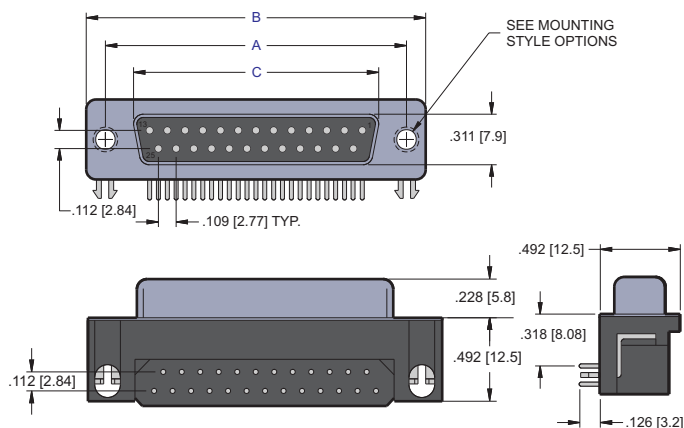


| CONTACTS | A | B | C |
|----------|---------------|---------------|---------------|
| 09 | 0.984 [25.00] | 1.213 [30.80] | 0.642 [16.30] |
| 15 | 1.312 [33.32] | 1.543 [39.20] | 0.969 [24.60] |
| 25 | 1.852 [47.04] | 2.091 [53.10] | 1.508 [38.30] |
| 37 | 2.500 [63.50] | 2.732 [69.40] | 2.157 [54.80] |



PART NUMBERING

80 XX - 33 S - XX XX - XX

SERIES CODE

NO. OF CONTACTS

09, 15, 25, 37

CONNECTOR TYPE

S = Socket

MOUNTING STYLE OPTIONS

08 = Riveted Ground Hooks with #4-40 UNC Open

09 = Riveted Ground Tabs with #4-40 UNC Open

10 = Riveted Ground Hooks Pre-Loaded #4-40 UNC Hex Screws

11 = Assembly Ground Hooks By #4-40 UNC Hex Screws

Consult Factory for Other Mounting Options

CONTACT PLATING

50µ" Nickel Underplate

Mating Area Tail

05 = Au Flash 100µ" Tin

20 = 15µ" Gold 100µ" Tin

30 = 30µ" Gold 100µ" Tin

SHELL PLATING

50µ" Nickel Underplate

1 = Tin Plating (standard)

INSULATOR COLOR

1 = Black

NOTES:

- Insulator Material: glass filled thermoplastic nylon 6T UL94V-0 rated.
- Contact Material: Phosphor Bronze
- Shell Material: Steel, 100µ" min. Ni.
- Contact Plating: see part numbering
Clinch nut: Brass, 100µ" min. Ni plated
Screw lock: Brass, 100µ" min. Ni plated
- Contact Resistance: 20 mOhm max. @ 1 amp DC
- Insulator Resistance: 1000 MOhm @ 500 VDC
- Dielectric Withstanding Voltage: 1000 VAC/rms 60Hz for 1 minute.
- Current Rating: 5 Amp
- Voltage Rating: 250 VAC/rms 60Hz
- Operating Temperature: -55°C to +125°C
- Hole Size Requirements:
Drilled Hole Diameter: 0.0473±0.001 [1.20±0.03]
Plating: 0.001- 0.003 [0.030-0.080] copper and
0.0001 to -0.008 [0.003-.020] solder
- Finished Hole Diameter: 0.043±0.003 [1.09]

ECS
www.ecsconn.com

Email:
custsvc@ecsconn.com
Orange County, California

THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

| DIMENSIONS: | UNLESS OTHERWISE SPECIFIED: |
|-------------|--|
| INCHES [MM] | TOLERANCE: .00" ±.008 .000" ±.005 .0000" ±.001 |

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| | | |
|-----------------|--|---|
| DRAWN BY: CT | DATE 07.30.04 | DESCRIPTION 8000 SERIES D-SUBMINIATURE 0.318 [8.08] RIGHT ANGLE WITH EMI FILTER, SOCKET |
| CHECKED BY: | | |
| APPROVED BY: | | |
| SIZE A | DRAWING NUMBER: 80XX-33SC | REV. A |
| SCALE NONE | PATH \\ECS\CUSTOMER PRINTS\8000SER\ | SHEET 1 OF 1 |

8000 D-Subminiature, Mounting Options



Press-Fit and Plastic Body Connectors

| | | | | |
|----------------------------------|-----------------------------------|---|---|--|
| <p>00 = .120 dia. Thru Holes</p> | <p>02 = #4-40 Threaded Insert</p> | <p>03 = #4-40 Threaded Insert with #4-40 Screw Lock</p> | <p>15 = #4-40 Threaded Insert with Board Lock</p> | <p>16 = #4-40 Screw Lock with Board Lock</p> |
|----------------------------------|-----------------------------------|---|---|--|

Solder, Right Angle, and High Density Connectors

| | | | | |
|---|--|---|---|--|
| <p>01 = .120 dia. Riveted Front and Rear Shell</p> | <p>04 = Riveted #4-40 UNC Open Nuts on Rear Shell</p> <p>.158 [4.0]</p> | <p>05 = Riveted #4-40 UNC Closed Nuts on Front Shell</p> <p>.228 [5.8]</p> | <p>06 = Riveted #4-40 UNC Open Nuts on Front Shell</p> <p>.158 [4.0]</p> | <p>07 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Stamped Contact)</p> <p>.276 [7.0]</p> |
| <p>07 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Machined Contact)</p> <p>.276 [7.0]</p> | <p>08 = Riveted Ground Hooks with #4-40 UNC Open</p> | <p>09 = Riveted Ground Tabs with #4-40 UNC Open (Stamped Contact)</p> | <p>09 = Riveted Ground Tabs with #4-40 UNC Open (Machined Contact)</p> | <p>10 = Riveted Ground Hooks Pre-Loaded #4-40 UNC Hex Screws</p> |
| <p>11 = Assembly Ground Hooks By #4-40 UNC Hex Screws (Stamped Contact)</p> | <p>11 = Assembly Ground Hooks By #4-40 UNC Hex Screws (Machined Contact)</p> | <p>12 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Stamped Contact) for High Profile Connectors</p> <p>.425 [10.8]</p> | <p>13 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Stamped Contact)</p> <p>.354 [8.99]</p> | <p>CONSULT FACTORY FOR OTHER MOUNTING STYLES OPTION</p> |