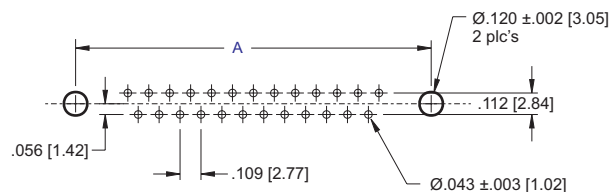
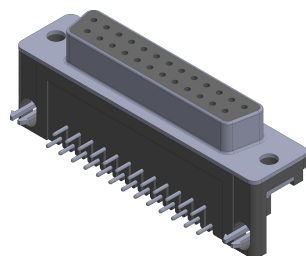
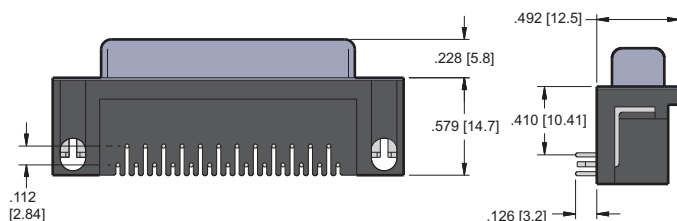
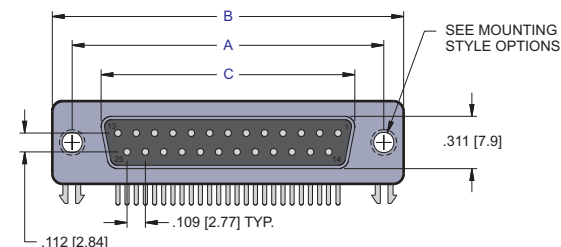
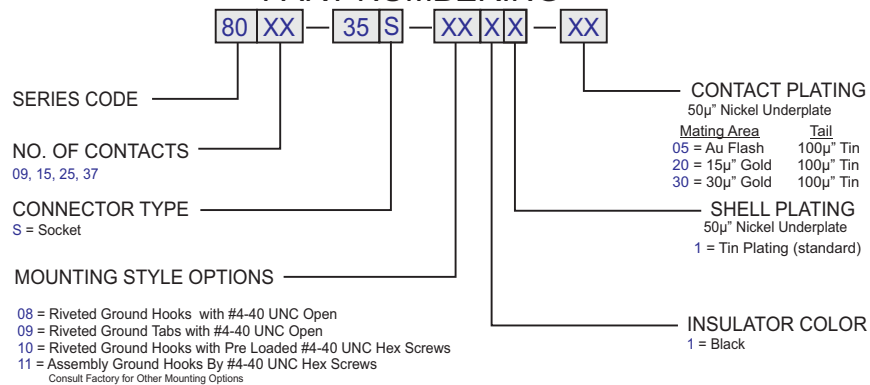


CONTACTS	A	B	C
09	0.984 [25.00]	1.213 [30.80]	0.642 [16.30]
15	1.312 [33.32]	1.543 [39.20]	0.969 [24.60]
25	1.852 [47.04]	2.091 [53.10]	1.508 [38.30]
37	2.500 [63.50]	2.732 [69.40]	2.157 [54.80]



RECOMMENDED PC BOARD

## PART NUMBERING



## 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
- Insertion Force: Insertion into PCB: 100N max. per contact
- Withdrawal Force: 30N min. per contact
- Hole Size Requirements:  
Drilled Hole Diameter: 0.0453±0.001 [1.15]  
Plating: 0.001- 0.003 [0.030-0.080] copper and  
0.0001 to -0.008 [0.003-.020] solder
- Finished Hole Diameter: 0.040±0.002 [1.02]

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Orange County, California

THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

DRAWN BY: CT DATE: 07.30.04 DESCRIPTION:

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

CHECKED BY:	APPROVED BY:
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8000 SERIES D-SUBMINIATURE  
0.410 [10.41] RIGHT ANGLE , SOCKET

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SIZE A	DRAWING NUMBER: 80XX-35SC	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>
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## 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>