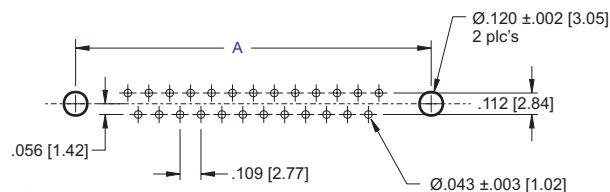
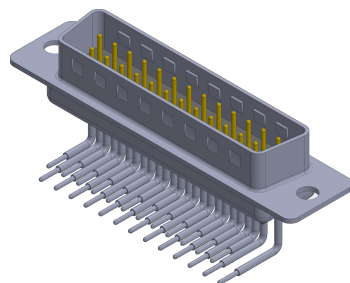
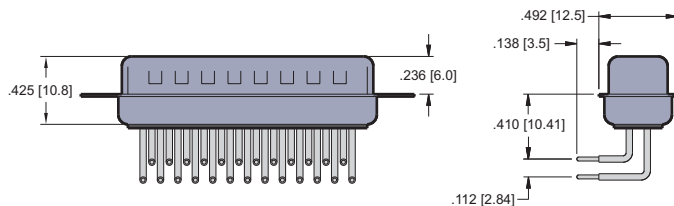
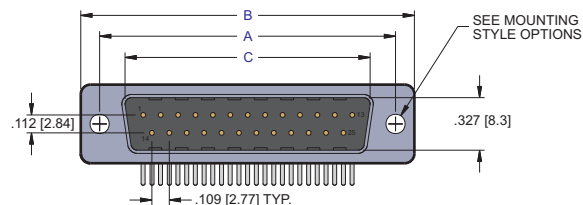


CONTACTS	A	B	C
09	0.984 [25.00]	1.213 [30.80]	0.666 [16.92]
15	1.312 [33.32]	1.543 [39.20]	0.994 [25.25]
25	1.852 [47.04]	2.091 [53.10]	1.534 [38.96]
37	2.500 [63.50]	2.732 [69.40]	2.182 [55.42]



RECOMMENDED PC BOARD

## PART NUMBERING

80 XX - 36 P - XX XX - XX

SERIES CODE

NO. OF CONTACTS

09, 15, 25, 37

CONNECTOR TYPE

P = Plug

MOUNTING STYLE OPTIONS

01 = .120 Riveted Front and Rear Shell

11 = Assembly Ground Hooks By #4-40 UNC Hex Screws  
Consult Factory for Other Mounting Options

CONTACT PLATING

50µ" Nickel Underplate

Mating Area Tail

03 = Gold Flash Gold Flash  
85 = 15µ" Gold 15µ" Gold  
90 = 30µ" Gold 30µ" Gold

SHELL PLATING

50µ" Nickel Underplate

1 = Tin Plating (standard)

INSULATOR COLOR

1 = Black (standard)

2 = White

## 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**  
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Email:  
custsvc@ecsconn.com  
Orange County, California

THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.		DRAWN BY: CT	DATE 07.30.04	DESCRIPTION	
DIMENSIONS:	UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	8000 SERIES D-SUBMINIATURE 0.410 [10.41] RIGHT ANGLE WITH MACHINED CONTACTS, PLUG		
INCHES [MM]	TOLERANCE: .00" ±.008 .000" ±.005 .0000" ±.001	APPROVED BY:			
THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF ECS, AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN CONSENT OF ECS, INC.		SIZE A	DRAWING NUMBER: 80XX-36PC		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>