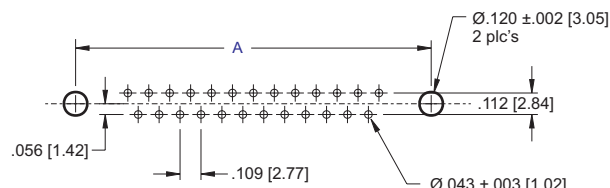
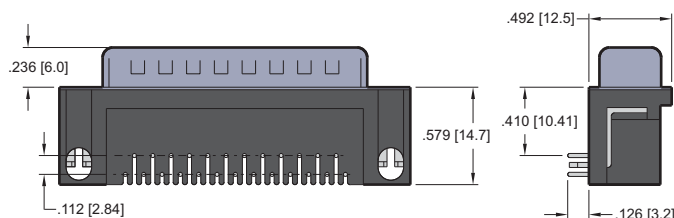
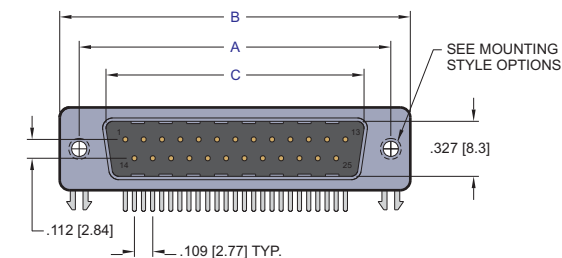
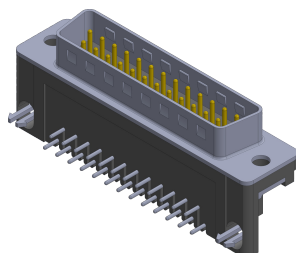


CONTACTS	A	B	C
09	0.984 [25.00]	1.213 [30.80]	0.666 [16.92]
15	1.312 [33.32]	1.543 [39.20]	0.994 [25.25]
25	1.852 [47.04]	2.091 [53.10]	1.534 [38.96]
37	2.500 [63.50]	2.732 [69.40]	2.182 [55.42]



RECOMMENDED PC BOARD



## PART NUMBERING

80 XX 35 P XX XX XX

SERIES CODE

NO. OF CONTACTS

09, 15, 25, 37

CONNECTOR TYPE

P = Plug

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 with 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
- 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]

**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

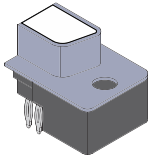
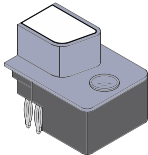
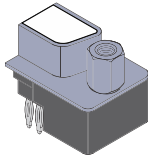
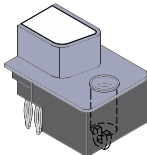
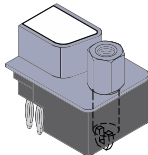
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DRAWN BY: CT	DATE 07.30.04	DESCRIPTION 8000 SERIES D-SUBMINIATURE 0.410 [10.41] RIGHT ANGLE , PLUG
CHECKED BY:	APPROVED BY:	
SIZE A	DRAWING NUMBER: 80XX-35PC	REV. A
SCALE NONE	PATH \\ECS\CUSTOMER PRINTS\8000SER\	SHEET 1 OF 1

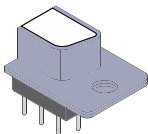
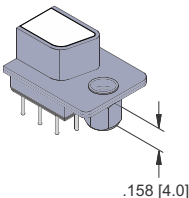
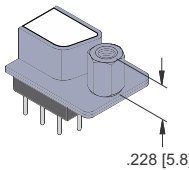
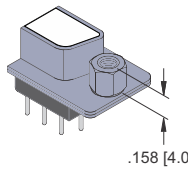
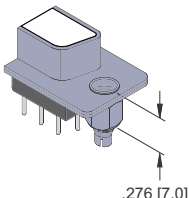
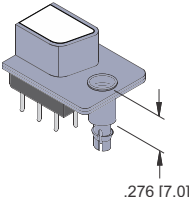
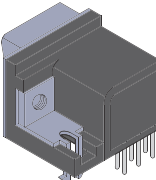
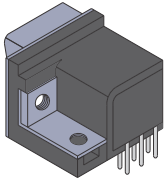
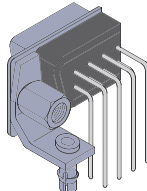
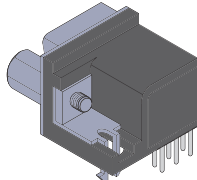
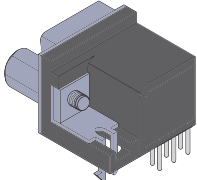
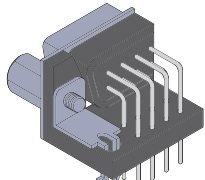
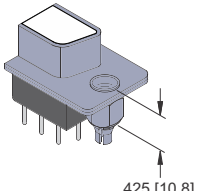
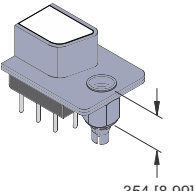
# 8000 D-Subminiature, Mounting Options



## 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>05 = Riveted #4-40 UNC Closed Nuts on Front Shell</p> 	<p>06 = Riveted #4-40 UNC Open Nuts on Front Shell</p> 	<p>07 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Stamped Contact)</p> 
<p>07 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Machined Contact)</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>13 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Stamped Contact)</p> 	<p>CONSULT FACTORY FOR OTHER MOUNTING STYLES OPTION</p>