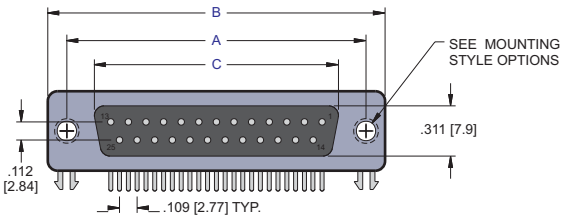
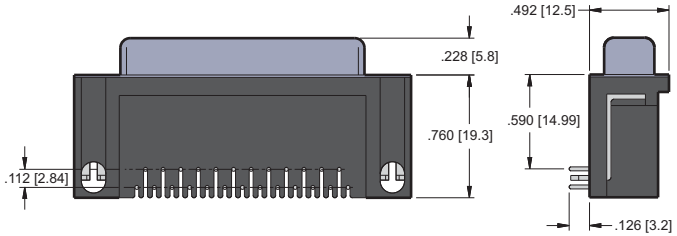
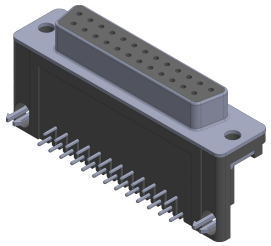
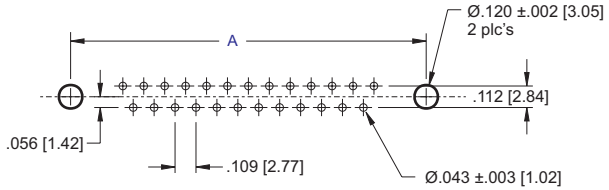
CONTACTS	A	B	C
09	0.984 [25.00]	1.213 [30.80]	0.642 [16.30]
15	1.312 [33.32]	1.543 [39.20]	0.969 [24.60]
25	1.852 [47.04]	2.091 [53.10]	1.508 [38.30]
37	2.500 [63.50]	2.732 [69.40]	2.157 [54.80]









RECOMMENDED PC BOARD

PART NUMBERING

80 XX — 37 S — XX X X — 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 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:

1. Insulator Material: glass filled thermoplastic nylon 6T UL94V-0 rated.
2. Contact Material: Phosphor Bronze
3. Shell Material: Steel, 100µ" min. Ni.
4. Contact Plating: see part numbering
   Clinch nut: Brass, 100µ" min. Ni plated
   Screw lock: Brass, 100µ" min. Ni plated
5. Contact Resistance: 20 mOhm max. @ 1 amp DC
6. Insulator Resistance: 1000 MOhm @ 500 VDC
7. Dielectric Withstanding Voltage: 1000 VAC/rms 60Hz for 1 minute.
8. Current Rating: 5 Amp
9. Voltage Rating: 250 VAC/rms 60Hz
11. Operating Temperature: -55°C to +125°C
12. 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
13. 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: INCHES [MM]

UNLESS OTHERWISE SPECIFIED:
TOLORANCE: .00" ±.008
.000" ±.005
.0000" ±.001

DRAWN BY: CT
DATE: 07.30.04
CHECKED BY:
APPROVED BY:

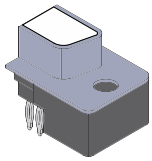
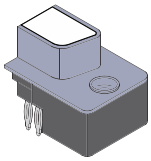
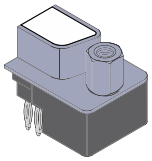
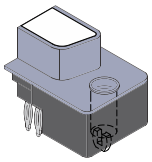
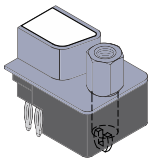
DESCRIPTION
8000 SERIES D-SUBMINIATURE
0.590 [14.99] RIGHT ANGLE , SOCKET

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.

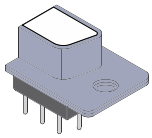
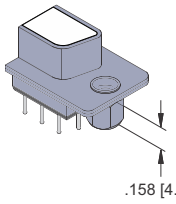
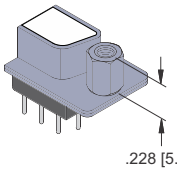
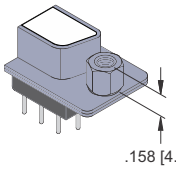
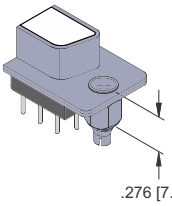
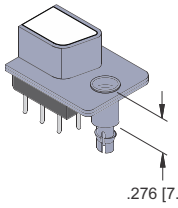
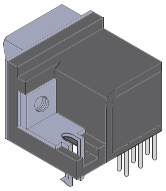
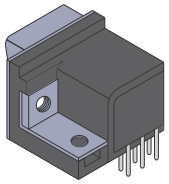
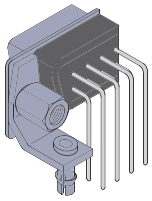
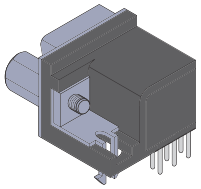
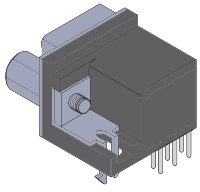
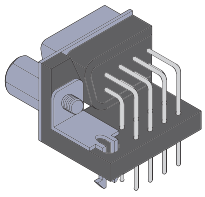
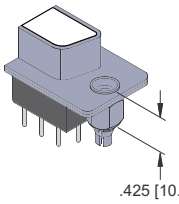
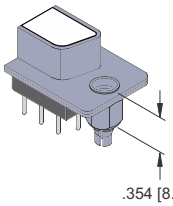
SIZE: A
DRAWING NUMBER: 80XX-37PC
REV: A
SCALE: NONE
PATH: \ECS\CUSTOMER PRINTS\8000SER\
SHEET: 1 OF 1

8000 D-Subminiature, Mounting Options

Press-Fit and Plastic Body Connectors

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

Solder, Right Angle, and High Density Connectors

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