NO. OF CONTACTS	A	B	C	D	E
15	0.984 [25.00]	1.213 [30.80]	0.666 [16.92]	0.756 [19.20]	0.090 [02.29]
26	1.312 [33.32]	1.543 [39.20]	0.994 [25.25]	1.091 [27.70]	0.090 [02.29]
44	1.852 [47.04]	2.091 [53.10]	1.534 [38.96]	1.618 [41.10]	0.090 [02.29]
62	2.500 [63.50]	2.732 [69.40]	2.182 [55.42]	2.256 [57.30]	0.095 [02.41]
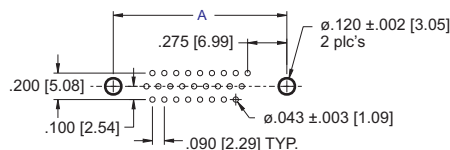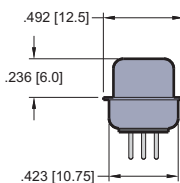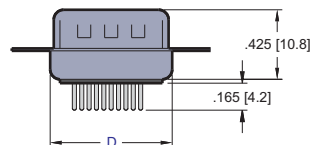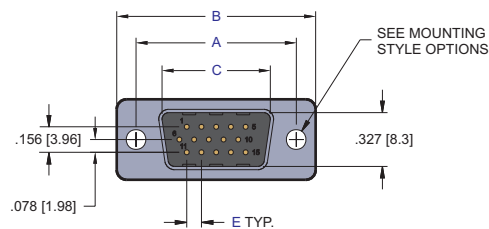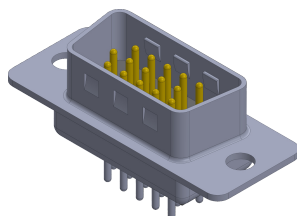
PART NUMBERING

80 XX – 06 P – XX XX – XX

SERIES CODE

NO. OF CONTACTS
15, 26, 44, 62

CONNECTOR TYPE
P = Plug

MOUNTING STYLE OPTIONS
01 = .120 Riveted Front and Rear Shell
04 = Riveted #4-40 UNC Open Nut on Rear Shell
05 = Riveted #4-40 UNC Closed Nut on Front Shell
06 = Riveted #4-40 UNC Open Nut on Front Shell
07 = Riveted #4-40 UNC Closed Ground Stand Off on Rear Shell
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)
2 = Yellow Chromate

INSULATOR COLOR
1 = Black (Standard)
2 = White
3 = Blue

Dimensions (connector views)

B
A
C
SEE MOUNTING STYLE OPTIONS
.156 [3.96]
.327 [8.3]
.078 [1.98]
E TYP.

.492 [12.5]
.236 [6.0]
.425 [10.8]
.165 [4.2]
.423 [10.75]
D

RECOMMENDED PC BOARD

A
.275 [6.99]
ø.120 ±.002 [3.05] 2 plc's
.200 [5.08]
.100 [2.54]
ø.043 ±.003 [1.09]
.090 [2.29] TYP.

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: 3 Amp
9. Voltage Rating: 250 VAC/rms 60Hz
10. Insertion Force: Insertion into PCB: 100N max. per contact
11. Withdrawal Force: 30N min. per contact
12. Operating Temperature: -55°C to +125°C
13. 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
14. Finished Hole Diameter: 0.043±0.003 [1.09]

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 SOLDER TAIL HIGH DENSITY, PLUG

SIZE A
DRAWING NUMBER: 80XX-05PC
REV. A

SCALE NONE
PATH \ECS\CUSTOMER PRINTS\8000SER\
SHEET 1 OF 1

ECS

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	05 = Riveted #4-40 UNC Closed Nuts on Front Shell	06 = Riveted #4-40 UNC Open Nuts on Front Shell	07 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Stamped Contact)
	.158 [4.0]	.228 [5.8]	.158 [4.0]	.276 [7.0]
07 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Machined Contact)	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
.276 [7.0]				
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	13 = Riveted #4-40 UNC Close Ground Stand-Off on Rear Shell (Stamped Contact)	CONSULT FACTORY FOR OTHER MOUNTING STYLES OPTION
		.425 [10.8]	.354 [8.99]	