

**IDC  
D SUBMINIATURE  
SOCKET & PLUG**

**Features**

- Mass-terminates with .050 [1.27] center cable
- Metal shell construction with clearance hole, optional #4-40 threaded hole
- Optional plastic shell with clearance hole

**Specifications**

**Environmental**  
Temperature Range:  
-55°C to +105°C

**Mechanical**

Insulator Material:  
Glass filled polyester, gray,  
UL94V-0

Shell Material:

Steel, tin plated

Contact Material:

Socket

Phosphor Bronze

Plug

Brass

Contact Plating:

Contact Area: gold flash

I.D. Area: tin

Recommended Wire Size:

28 AWG stranded

Contact Insertion Force:

Socket

6.5 oz [1.8 N] TYP

11 oz [3.0 N] MAX

Contact Extraction Force:

Socket

4 oz [1.1 N] TYP

2.5 oz [0.7 N] MIN

Measured with .040 [1.02]  
round pin

**Electrical**

Current Rating:

5 AMP

Dielectric Withstanding

Voltage:

1000 Vrms

Insulation Resistance:

> 1000 Megohms

Contact Resistance:

25 milliohms MAX

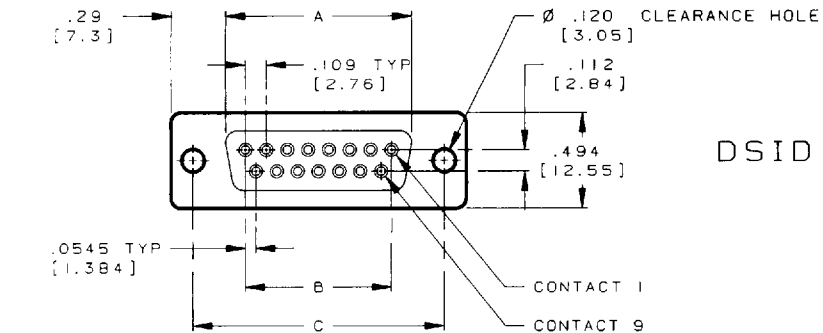
Measured through  
insulation displacement  
portion and mating  
connector

**Mating CA Product:**

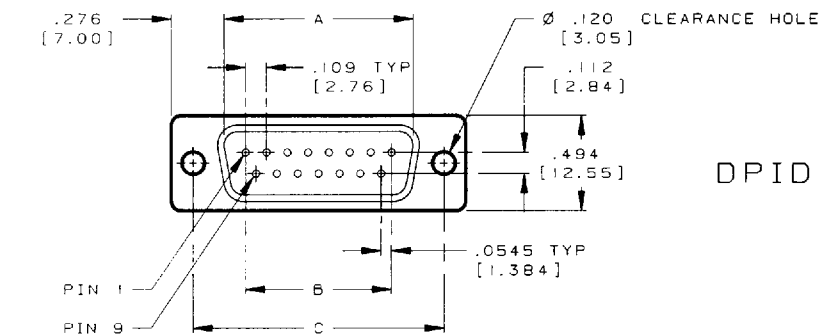
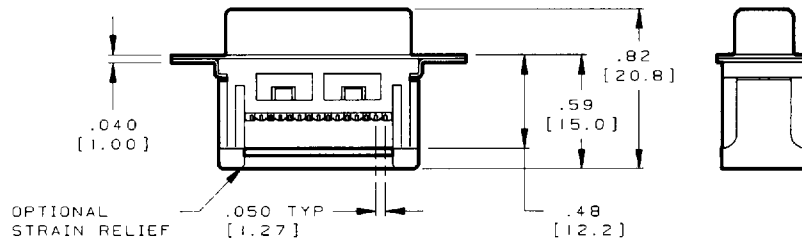
Socket: DPID, SMD-P,  
DPR, DPRL, DPRE, DPS  
and DPD Plug: DSID,  
SMD-S, DSR, DSRL, DSRE,  
DSS and DSD



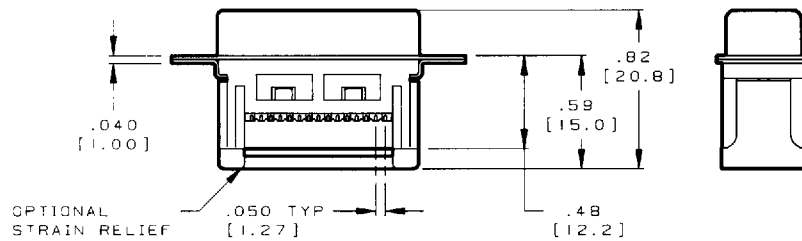
E95981



DSID



DPID



No. of Positions	Dimensions			Mounting Hole Type (shell)	Part Numbers		
	A	B	C		Socket	Plug	Strain Relief
9	.666 [16.92]	.436 [11.07]	.984 [24.99]	clearance (metal)	CA-09DSID	CA-09DPID	SR09DID
				#4-40 (metal)	CA-09DSID-4	CA-09DPID-4	
				clearance (plastic)	CA-09DSID-P	CA-09DPID-P	
15	.994 [25.25]	.763 [19.38]	1.312 [33.32]	clearance (metal)	CA-15DSID	CA-15DPID	SR15DID
				#4-40 (metal)	CA-15DSID-4	CA-15DPID-4	
				clearance (plastic)	CA-15DSID-P	CA-15DPID-P	
25	1.534 [38.96]	1.308 [33.22]	1.852 [47.04]	clearance (metal)	CA-25DSID	CA-25DPID	SR25DID
				#4-40 (metal)	CA-25DSID-4	CA-25DPID-4	
				clearance (plastic)	CA-25DSID-P	CA-25DPID-P	
37	2.182 [55.42]	1.962 [49.83]	2.500 [63.50]	clearance (metal)	CA-37DSID	CA-37DPID	SR37DID
				#4-40 (metal)	CA-37DSID-4	CA-37DPID-4	
				clearance (plastic)	CA-37DSID-P	CA-37DPID-P	