

### 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

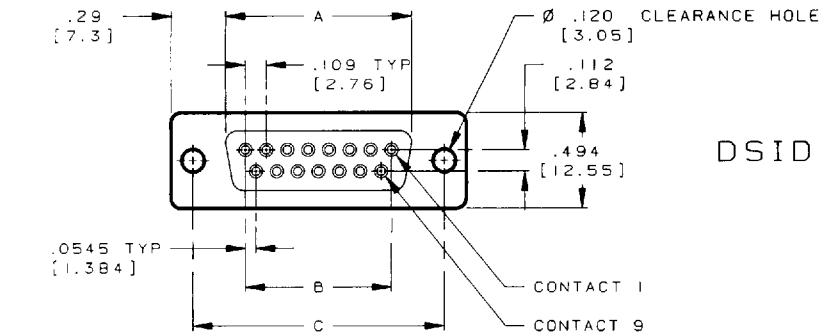
#### Mating CA Product:

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

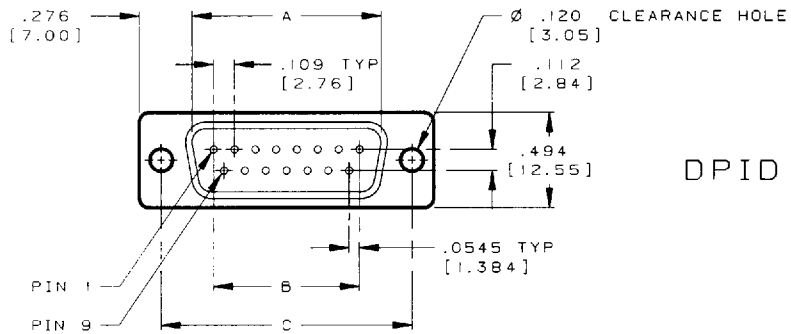
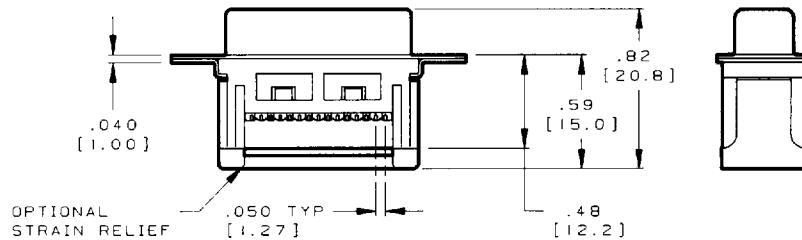


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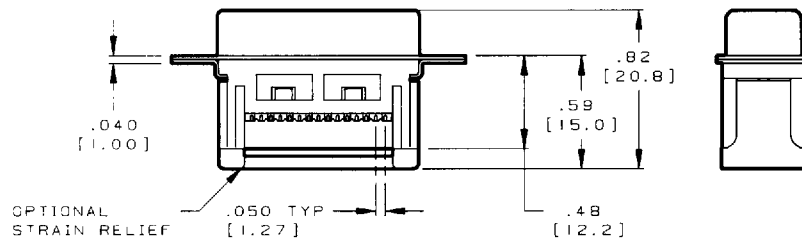
**CA**



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	