

FILTERED D CONNECTORS

- 9, 15, 25, or 37 way
- Turned Pin (Machined) Contact
- Gold Plated Contacts
- Metal Housing
- Current Rating - 5Amps
- Four standard capacitor values

SOLDER PIN RIGHT ANGLE

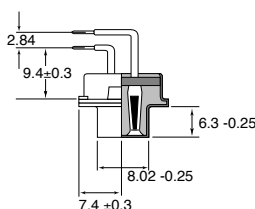
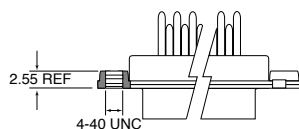
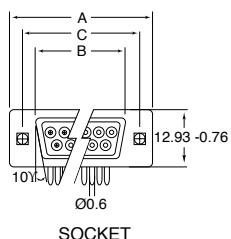


SPECIFICATION

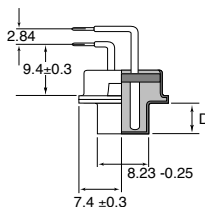
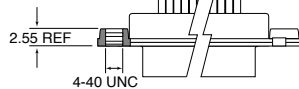
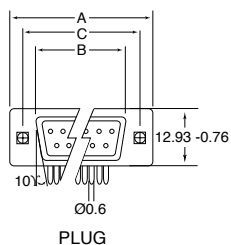
Insulators:	Polyester GF UL 94 V-0
Contacts:	Copper alloy
Contact finish:	Hard - Gold-plated over nickel, solder area Tin plated
Housing:	Steel tin plated
Working voltage:	100 VDC Insulation Gr. A according to VDE 0110
Dielectric stand. voltage:	424V DC 707V DC Standard High voltage
Contact resistance:	Max 10mΩ
Insulation resistance:	≥ 1GΩ@100 VDC
Current rating:	5,0 A (20°C)
Voltage surge 10/700 μ:	300V 500V Standard High voltage

Mating / Unmating forces:	9-pol. <30 15-pol. < 50 25-pol. < 83 37-pol. < 123 50-pol. < 167
Temperature range working:	-25° to + 105°C
Humidity:	40° C / 85 %
Capacitor values:	Typ A, 180 pF Typ B, 370 pF Typ D, 830 pF Typ E, 1300 pF
Quality class:	Quality class 3= 50 mating cycles Quality class 2= 200 mating cycles Quality class 1= 500 mating cycles

OUTLINE DRAWING



No. of pos.	A -0.76	B -0.25	C
9	31.19	16.46	25.00 ^{+0.12} / _{-0.13}
15	39.52	24.79	33.30 ^{+0.12} / _{-0.13}
25	53.42	38.50	47.04 ^{+0.12} / _{-0.13}
37	69.70	54.96	63.50 ^{+0.12} / _{-0.13}



No. of pos.	A -0.76	B +0.25	C	D -0.30
9	31.19	16.79	25.00 ^{+0.12} / _{-0.13}	6.12
15	39.52	25.12	33.30 ^{+0.12} / _{-0.13}	6.12
25	53.42	38.84	47.04 ^{+0.12} / _{-0.13}	5.99
37	69.70	55.30	63.50 ^{+0.12} / _{-0.13}	5.99

ORDERING INFORMATION

DBC	FD	M	SR	09	E	3
Dubilier Connectors	Series	Connector Type	Contact Style	Nº of Ways	Capacitor Value	Quality Class
	FD = Filtered D	M = Male(plug) F = Female(socket)	SR = Solder Right Angled	09 = 9ways 15 = 15ways 25 = 25ways 37 = 37ways	A = 144pF - 216pF B = 296pF - 444pF D = 664pF - 996pF E = 1040pF-1560pF	3 = class 3 2 = class 2 1 = class 1