

FLAT CABLE SOCKET

.100" X .100" DUAL ROW IDC SOCKET FOR .050" FLAT CABLE



SPECIFICATIONS

Material:

Insulator: PBT glass reinforced, thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Phosphor Bronze

Plating:

5 µin gold on contact area over 50 µin nickel underplate

Electrical:

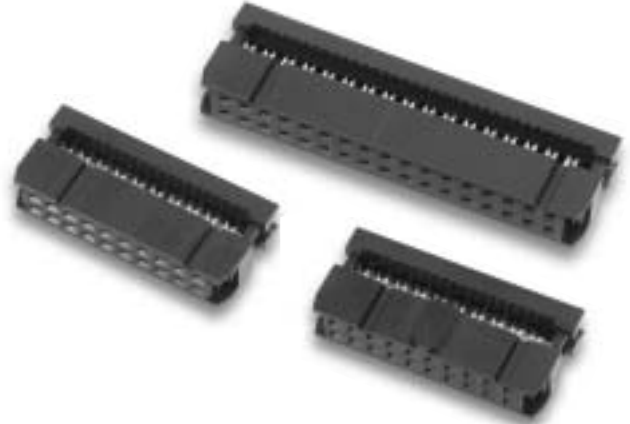
Operation voltage: 250 VAC max
Current rating: 1 Amp max
Contact resistance: 20 mΩ max
Insulation resistance: 1000 MΩ min @ 600 VDC between adjacent contacts (75°F and 50% R.H.)
Dielectric withstanding voltage: 600 VDC min rms (sea level)
Capacitance: 1.0 pF max between adjacent contacts



ORDERING INFORMATION

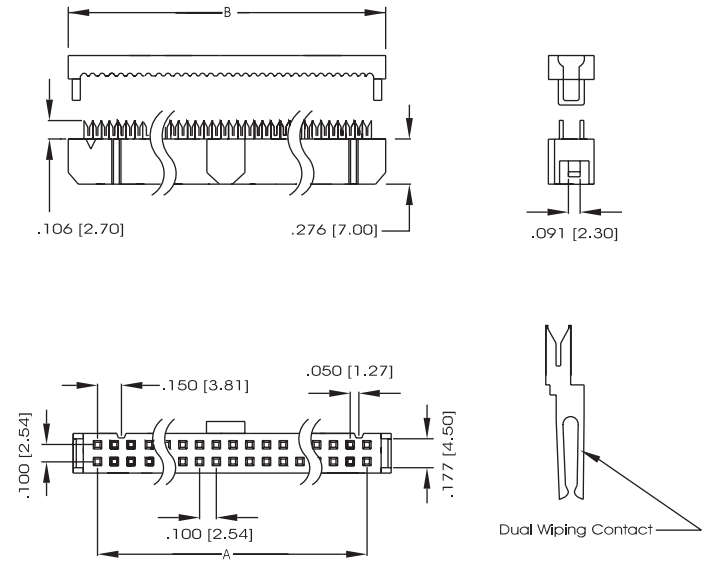
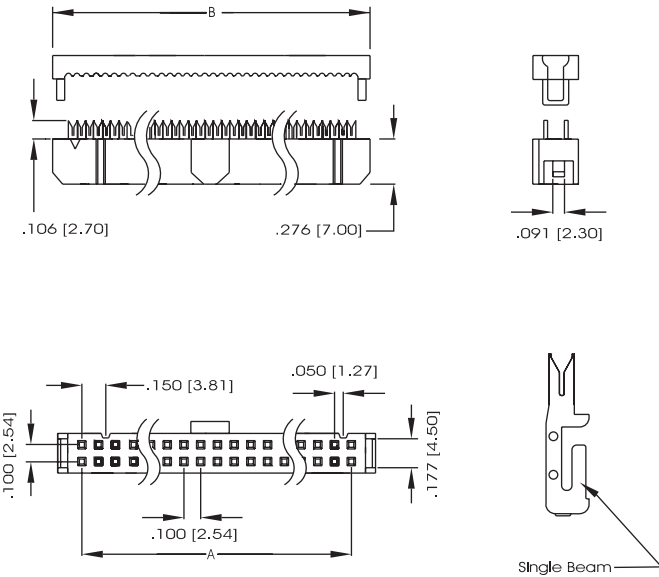
choose one from each category as shown in sample below

FCA	40	
Series	Positions	Options (add as suffix to part number)
FCA - Dual Row IDC Flat Cable Socket	6, 8, 10, 12, 14, 16, 20, 24, 26, 30, 34, 40, 44, 50, 56, 60, 62, 64	N - No Polarization Bump in Center of Housing
FCD - Dual Row IDC Flat Cable Socket with Dual Wipe Contact		Strain Relief Part No. FCA-SR-XX (XX=no. of pos.)



FCA & FCD SERIES (EXCEPT 60P / 64P)

FCD SERIES 60P & 64P



Unit: Inch / mm

POLES	6	8	10	12	14	16	20	24	26	30	34	40	44	50	56	60	62	64
A	0.200 (5.08)	0.300 (7.62)	0.400 (10.16)	0.500 (12.70)	0.600 (15.24)	0.700 (17.78)	0.900 (22.86)	1.100 (27.94)	1.200 (30.48)	1.400 (35.56)	1.600 (40.64)	1.900 (48.26)	2.100 (53.34)	2.400 (60.96)	2.700 (68.58)	2.900 (73.66)	3.000 (76.20)	3.100 (78.74)
B	0.480 (12.19)	0.580 (14.73)	0.680 (17.27)	0.780 (19.81)	0.880 (22.35)	0.980 (24.89)	1.180 (29.97)	1.380 (35.05)	1.480 (37.59)	1.680 (42.67)	1.880 (47.75)	2.180 (55.37)	2.380 (60.45)	2.680 (68.07)	2.980 (75.69)	3.180 (80.77)	3.280 (83.31)	3.380 (85.85)