

**molex® 0.50mm (.020") Pitch
FFC/FPC Connector**

Features and Benefits

- Sizes 4 to 20 circuits
- For 0.30mm (.012") thick FFC/FPC
- Metal solder tabs provide PCB hold-down and strain relief for SMT tails

Reference Information

Packaging: Embossed tape
Designed In: Millimeters

Electrical

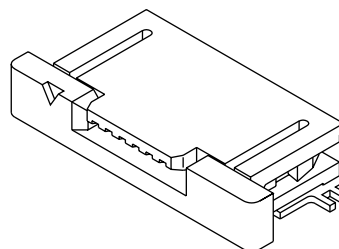
Voltage: 50V
Current: 0.5A
Contact Resistance: 20mΩ max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 50 MΩ min.

Physical

Housing: 4/6 nylon, UL 94V-0
 Actuator: PPS, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Tin
 Solder Tabs: Phosphor Bronze, Tin plating
 Operating Temperature: -20 to +85°C

52745

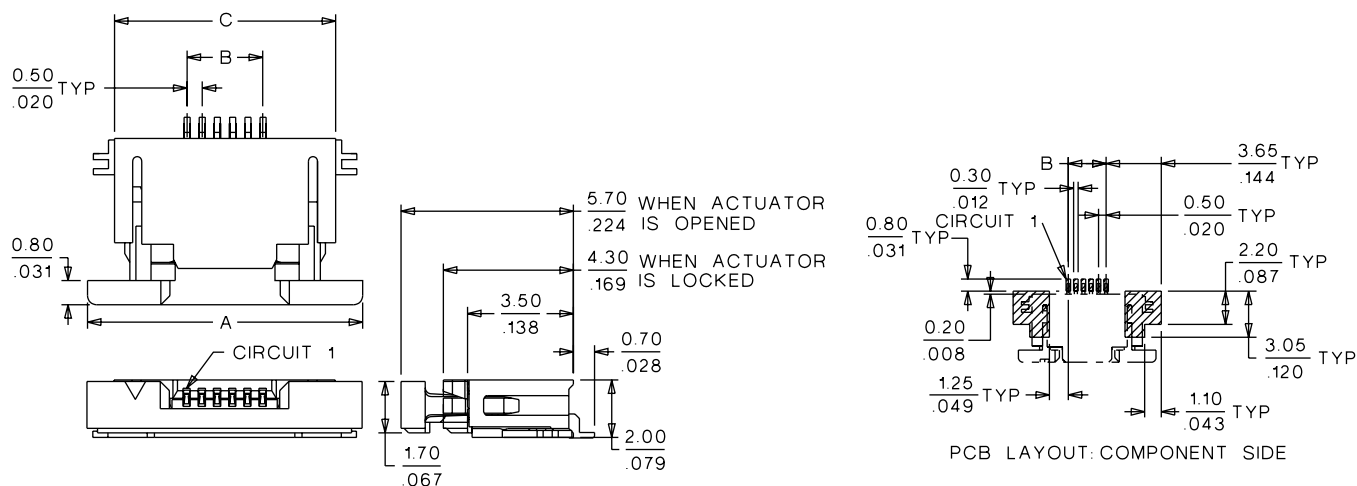
Right Angle, SMT, ZIF Top Contact Style



FFC/FPC Connectors

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CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension			Carrier Tape Width
		A	B	C	
4	52745-0490	8.10 (.319)	1.50 (.059)	6.30 (.248)	16.00 (.630)
6	52745-0690	9.10 (.358)	2.50 (.098)	7.30 (.287)	24.00 (.945)
7	52745-0790	9.60 (.378)	3.00 (.118)	7.80 (.307)	24.00 (.945)
8	52745-0890	10.10 (.398)	3.50 (.138)	8.30 (.327)	24.00 (.945)
9	52745-0990	10.60 (.417)	4.00 (.157)	8.80 (.346)	24.00 (.945)
10	52745-1090	11.10 (.437)	4.50 (.177)	9.30 (.366)	24.00 (.945)
11	52745-1190	11.60 (.457)	5.00 (.197)	9.80 (.386)	24.00 (.945)
12	52745-1290	12.10 (.476)	5.50 (.217)	10.30 (.406)	24.00 (.945)

Note: For cable specification dimensions, see cable pages at the end of section