

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

Features and Benefits

- Sizes 30 to 50 circuits
- For 0.30mm (.012") thick FFC/FPC
- Pre-hold cable retention feature helps facilitate correct FPC insertion
- Durable actuator design
- Metal solder tabs provide pcb hold-down and strain relief for SMT tails

Reference Information

Packaging: Embossed tape
Designed In: Millimeters

Electrical

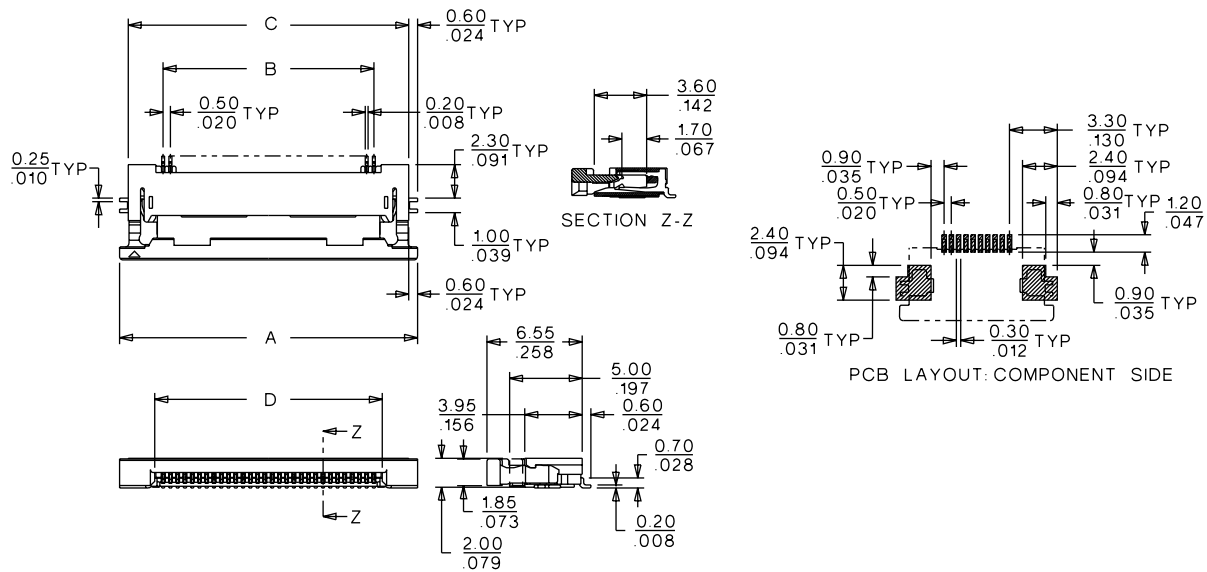
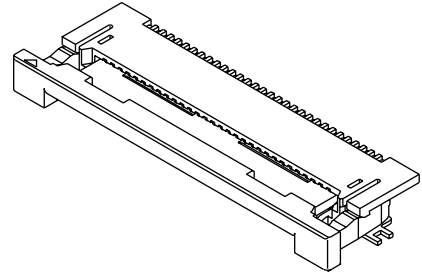
Voltage: 50V
Current: 0.5A
Contact Resistance: 20mΩ max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 50 MΩ min.

Physical

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

54132

Right Angle, SMT, ZIF Bottom Contact Style



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension				Carrier Tape Width
		A	B	C	D	
30	54132-3090	20.50 (.807)	14.50 (.571)	19.30 (.760)	15.65 (.616)	44.00 (1.732)
32	54132-3290	21.50 (.846)	15.50 (.610)	20.30 (.799)	16.65 (.656)	
33	54132-3390	22.00 (.866)	16.00 (.630)	20.80 (.819)	17.15 (.675)	
35	54132-3590	23.00 (.906)	17.00 (.669)	21.80 (.858)	18.15 (.715)	
36	54132-3690	23.50 (.925)	17.50 (.689)	22.30 (.878)	18.65 (.734)	
38	54132-3890	24.50 (.965)	18.50 (.728)	23.30 (.917)	19.65 (.774)	
40	54132-4090	25.50 (1.004)	19.50 (.768)	24.30 (.957)	20.65 (.813)	
45	54132-4590	28.00 (1.102)	22.00 (.866)	26.80 (1.055)	23.15 (.911)	
50	54132-5090	30.50 (1.201)	24.50 (.965)	29.30 (1.154)	25.65 (1.010)	

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