

# 2951 Series

# 0.50 mm SMT FPC Easy-Lock ZIF Socket

## General specifications

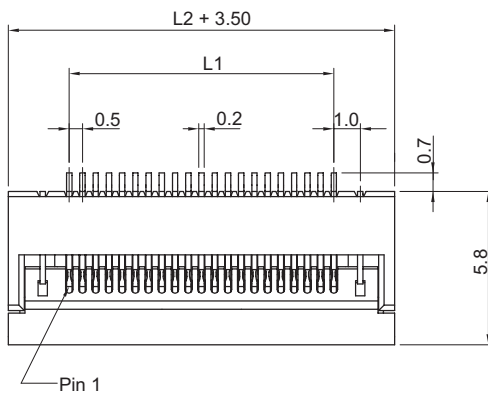
Insulator material	Nylon-6T w/ 30% glass fiber, UL94V-0
Contact material	Phosphor bronze
Current rating	0.5 A
Voltage rating	50 V AC/DC
Contact resistance	50 mΩ max.
Insulator resistance	500 MΩ @ 100 VDC
Dielectrical withstanding	150 VAC for 1 min
Operating temperature	-40 °C to +105 °C
Durability	20 cycles
Soldering	JEDEC lead free reflow soldering process

## Mating parts series



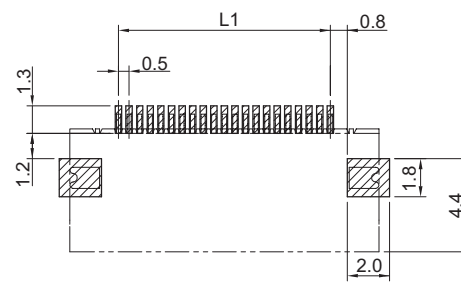
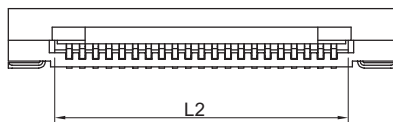
## Mechanical dimensions

Unit: mm

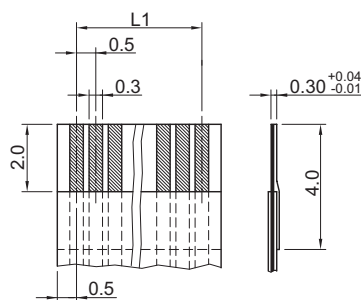
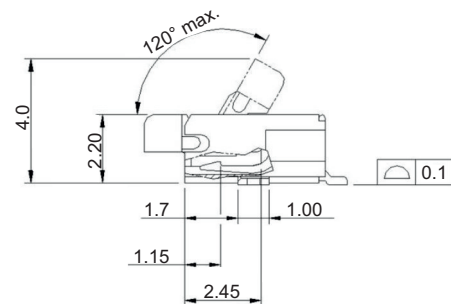


$$L1 = (\text{No. of contacts} - 1) \times 0.50$$

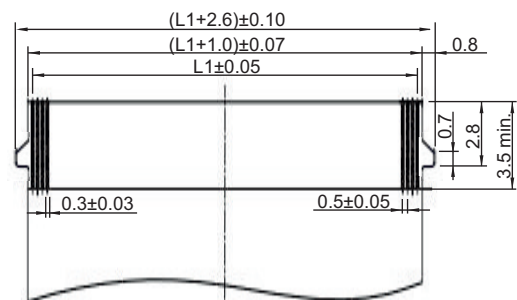
$$L2 = \text{No. of contacts} \times 0.50 + 0.60$$



Recommended P.C.B. layout



Accommodated FFC/FPC



Accommodated FFC/FPC with lock

Tolerances		
Linear	X	± 0.15
	XX	± 0.10
	XXX	± 0.05

## Part numbering guide

2951 D — 05 — T — R

Series  
D = SMT horizontal down contact  
DL = w/ lock

No. of contacts  
05 to 80

Contact plating  
T = Tin  
B = Flashgold

Packing  
R = Reel  
T = Tube

\* standard

