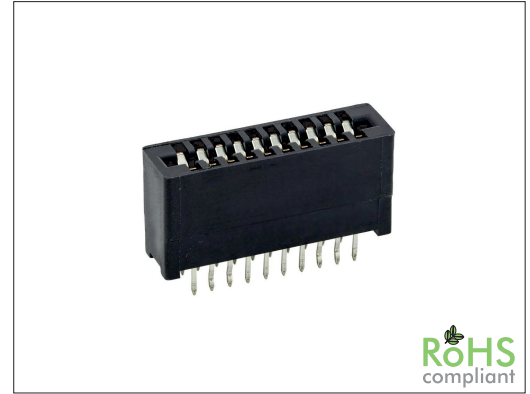


# 5081 Series

# 2.54 mm Card Edge Connector

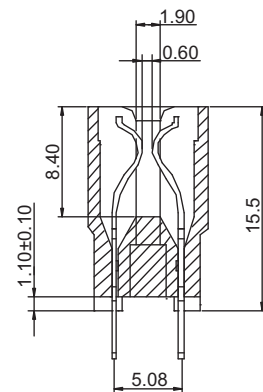
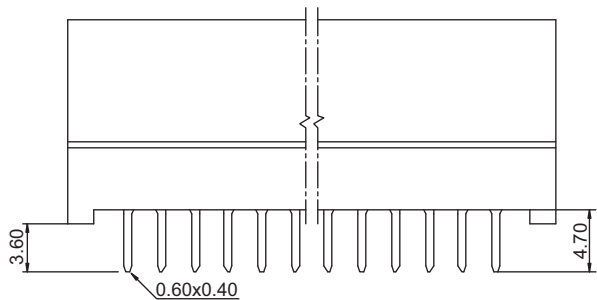
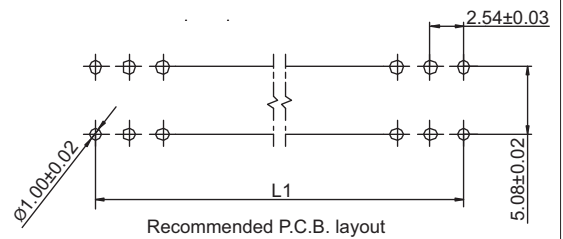
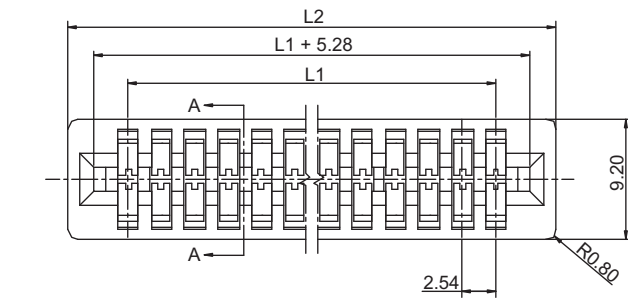
## General specifications

Insulator material	PBT w/ glass fiber, UL94V-0, color: black
Contact material	Phosphor bronze
Current rating	3 A
Contact resistance	20 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	800 VAC for 1 min
Operating temperature	-55 °C to +105 °C
Soldering	Lead free wave soldering process
<b>Mating parts series</b>	

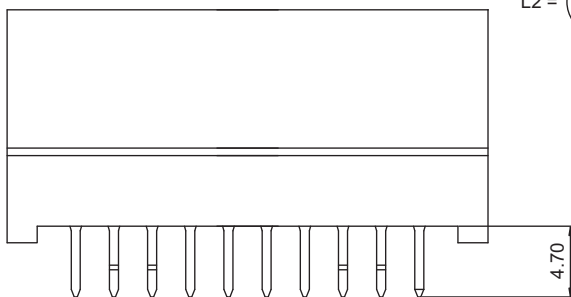


## Mechanical dimensions

Unit: mm

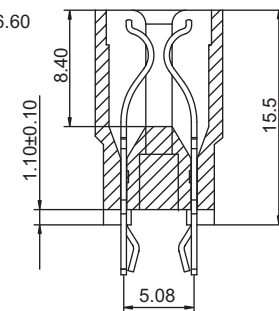


w/ kinked pins



$$L1 = \left( \frac{\text{No. of contacts}}{2} - 1 \right) \times 2.54$$

$$L2 = \left( \frac{\text{No. of contacts}}{2} \right) \times 2.54 + 6.60$$



Tolerances		
Linear	X	± 0.10
	.X	± 0.38
	.XX	± 0.25

## Part numbering guide

<b>5081 SB</b>	<b>04</b>	<b>B</b>	
Series SB = THT straight	No. of contacts 04 to 40, 44, 48, 50, 60, 62, 64, 70, 72, 80, 86, 98, 100, 108, 120	Contact plating T = Tin B = Flashgold*	Option kinked pins 1 = w/ 4 kinked pins each side

\* standard

