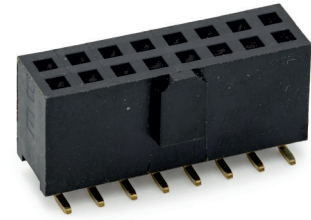


# 1678 Series

# 2.54 mm SMT Female Header Dual Row w/ Bar

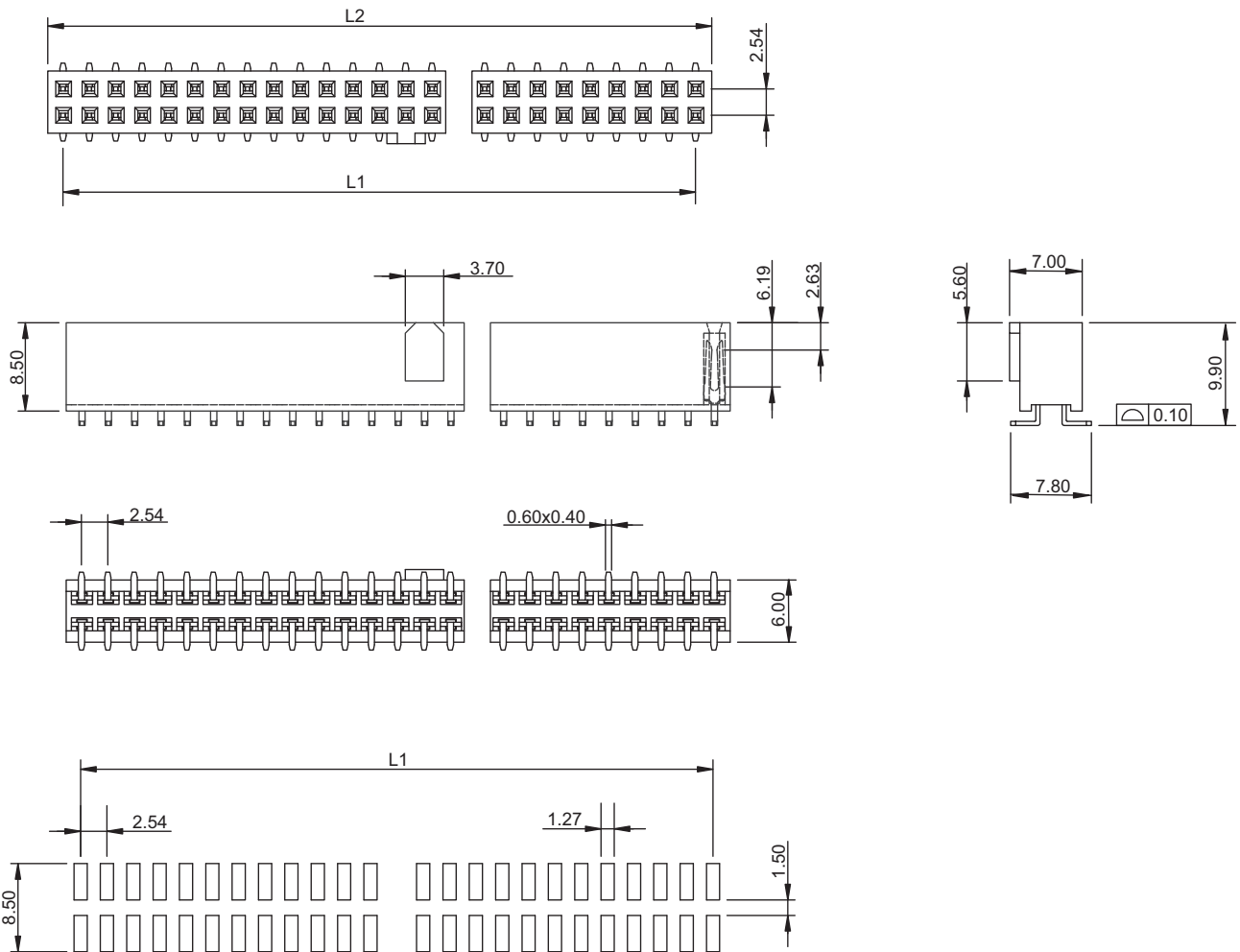
### General specifications

Insulator material	Nylon-6T, UL94V-0
Contact material	Copper alloy
Current rating	3 A
Contact resistance	20 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	1000 VAC for 1 min
Operating temperature	-40 °C to +85 °C
Soldering	JEDEC lead free reflow soldering process
<b>Mating parts series</b>	
1540, 1542, 1544, 1546, 1640, 1642	



### Mechanical dimensions

Unit: mm



Recommended P.C.B. layout

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

$$L2 = \left( \frac{\text{No. of contacts}}{2} \right) \times 2.54 + 0.5$$

Tolerances		
Linear	.X	± 0.30
	.XX	± 0.20

### Part numbering guide

**1678 V**

Series

**06**

No. of contacts  
06 to 80

**B**

Contact plating  
B = Flashgold  
E = 10 μ" gold  
F = 15 μ" gold  
J = 30 μ" gold

**R**

Packing with pick & place pad  
R = Reel  
T = Tube

\* standard

