

# 1642 Series

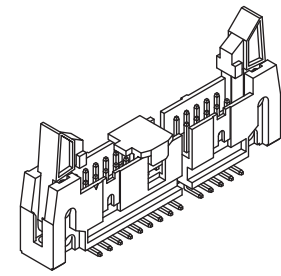
# 2.54 mm SMT Box Header Dual Row w/ Latch

## General specifications

Insulator material	Nylon 6T, UL94V-0
Contact material	Copper alloy
Current rating	3 A
Voltage rating	250 VAC
Contact resistance	20 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	1000 VAC for 1 min
Operating temperature	-40 °C to +105 °C
Soldering	JEDEC lead free reflow soldering process

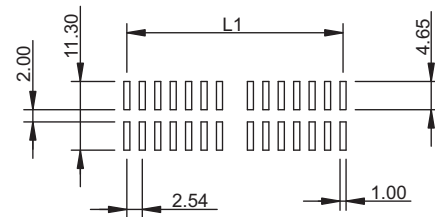
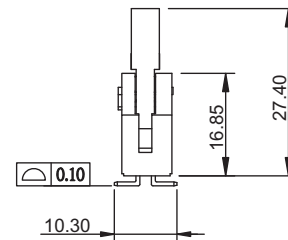
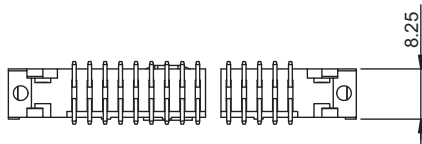
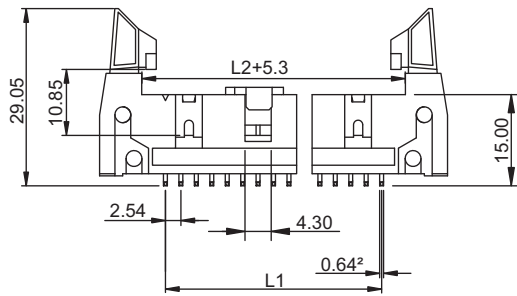
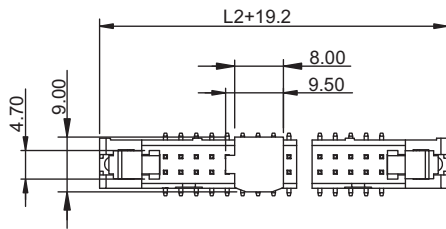
## Mating parts series

1690



## Mechanical dimensions

Unit: mm



Recommended P.C.B layout

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

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

Tolerances	
Linear	X ± 0.30
	.XX ± 0.20

## Part numbering guide

**1642 V**

Series  
V = SMT vertical

**10**

No. of contacts  
10, 14, 16, 20,  
26, 34, 40, 50

**B**

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

**T**

Packing with pick & place pad  
T = Tube

\* standard

