

1610 Series

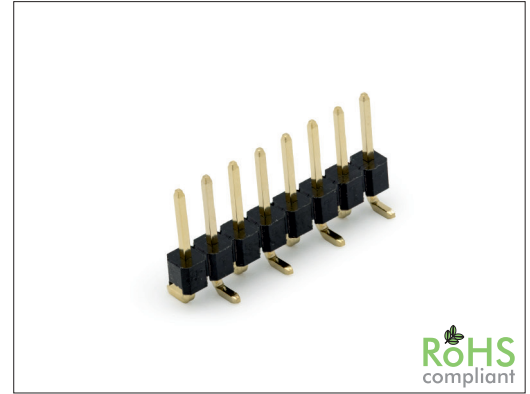
2.54 mm SMT Pin Header

General specifications

Insulator material	Nylon 6T, UL94V-0
Contact material	Brass
Current rating	3 A
Voltage rating	230 V AC/DC
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

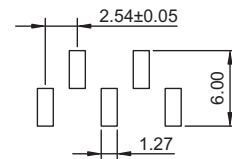
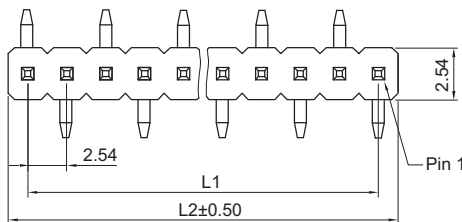
1550, 1552, 1555, 1556, 1558, 1561, 1650, 1652, 1655, 1659, 1660, 1664, 1665



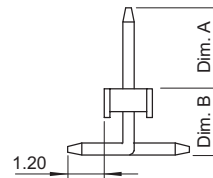
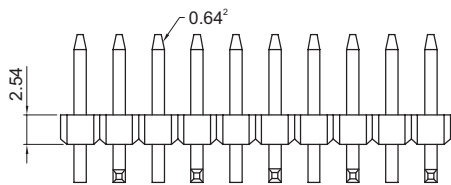
Mechanical dimensions

Unit: mm

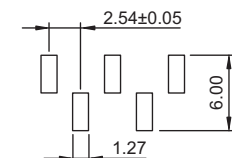
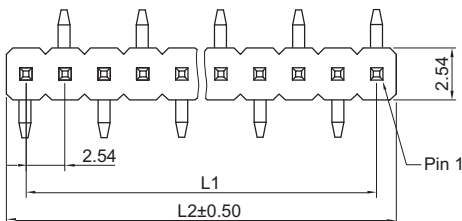
Type A



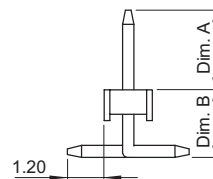
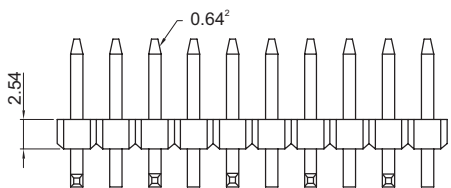
Recommended P.C.B. layout



Type B



Recommended P.C.B. layout



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

$$L2 = \text{No. of contacts} \times 2.54$$

Ordercode dimensions

Index	Dim. A	Dim. B
none	6.00	4.40
01	8.13	4.40
02	10.60	4.40
03	5.80	3.80
04	8.70	3.80
05	3.00	3.20
06	9.20	3.20
07	15.00	4.40
other pin length on customer request		

Tolerances

Linear	X	± 0.38
	.XX	± 0.25

Part numbering guide

1610 V

03

B

A

R

Series
V = SMT vertical

No. of contacts
03 to 40

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

Pin 1 Position
A = Bottom right
B = Top right

Packing with pick & place pad
R = Reel (max. total header height 20 mm)
T = Tube

Dimensions index
see table

* standard

