

1518 Series

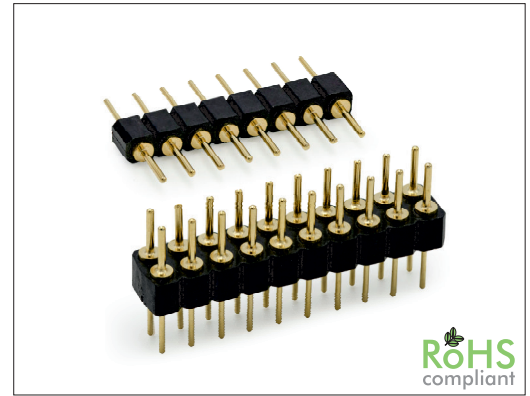
2.54 mm Pin Header Round Machined Pins

General specifications

Insulator material	High temperature thermoplastic, UL94V-0, color: black
Contact material	Copper alloy
Current rating	3 A
Voltage rating	100 V AC/DC
Contact resistance	10 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	1000 VAC for 1 min
Operating temperature	-40 °C to +105 °C
Soldering	Lead free wave soldering process

Mating parts series

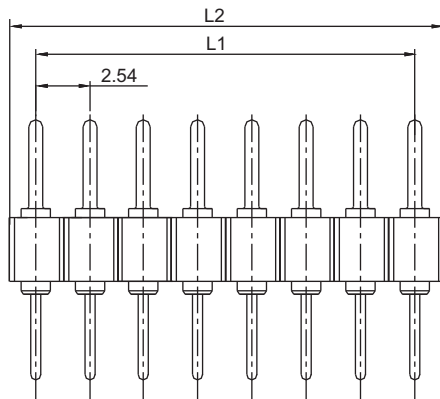
1518S mates w/ 1568, 1518D mates w/ 1569



Mechanical dimensions

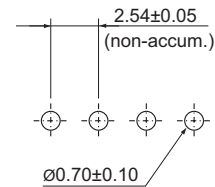
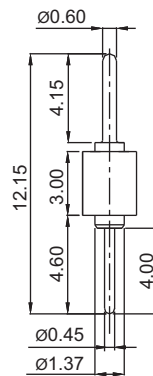
Unit: mm

Single row



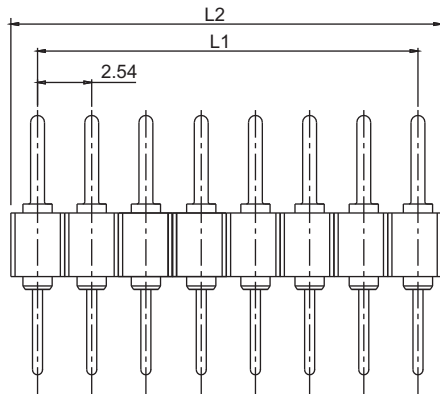
$$L1 = (\text{No. of contacts} - 1) \times 2.54$$

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



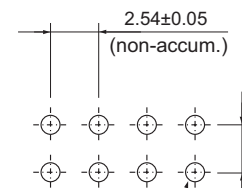
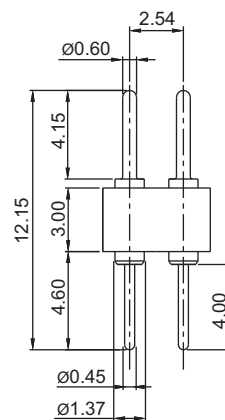
Recommended P.C.B. layout

Dual row



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

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



Recommended P.C.B. layout

Tolerances		
Linear	.X	± 0.38
	.XX	± 0.25

Part numbering guide

1518 S

01

B

Series

S = THT straight single row

D = THT straight dual row

No. of contacts

1-row = 01 to 40

2-row = 02 to 80

Contact plating

B = Flashgold

T = Tin

* standard

