

# 1187 Series

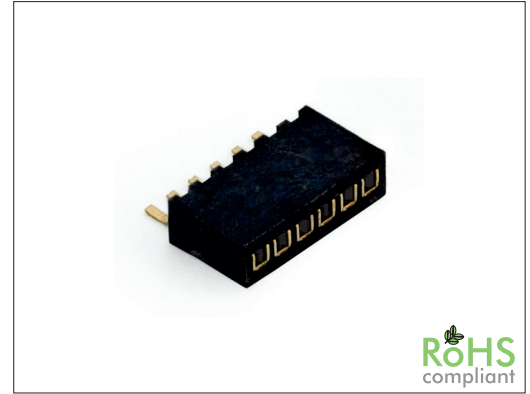
# 1.27 x 1.27 mm SMT Female Header Side Entry

## General specifications

Insulator material	Nylon-6T, UL94V-0, color: black
Contact material	Phosphor bronze
Current rating	1 A
Voltage rating	250 V AC/DC
Contact resistance	20 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-40 °C to +105 °C
Soldering	JEDEC lead free reflow soldering process

## Mating parts series

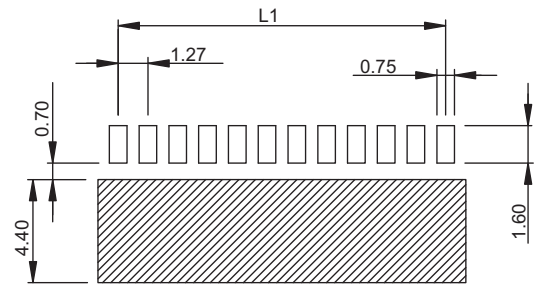
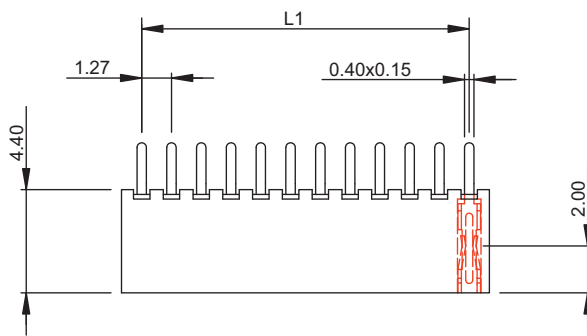
1151



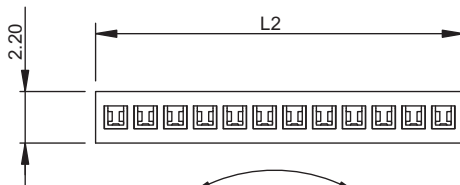
RoHS  
compliant

## Mechanical dimensions

Unit: mm

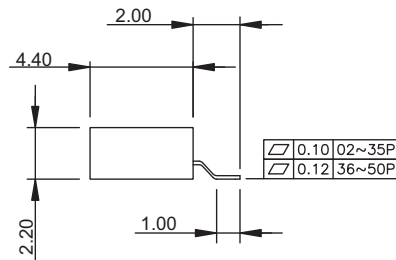


Recommended P.C.B. layout



02 to 10 pin: 0.10 max.  
11 to 30 pin: 0.20 max.  
31 to 50 pin: 0.30 max.

$L1 = (\text{No. of contacts} - 1) \times 1.27$   
 $L2 = \text{No. of contacts} \times 1.27 + 0.45$



### Tolerances

Linear	.X	± 0.30
	.XX	± 0.20
	.XXX	± 0.10

## Part numbering guide

1187 H — 02 — B — R

Series	No. of contacts	Contact plating	Packing
H = SMT horizontal	02 to 50	B = Flashgold E = 10 μm gold F = 15 μm gold J = 30 μm gold	R = Reel T = Tube

\* standard

