

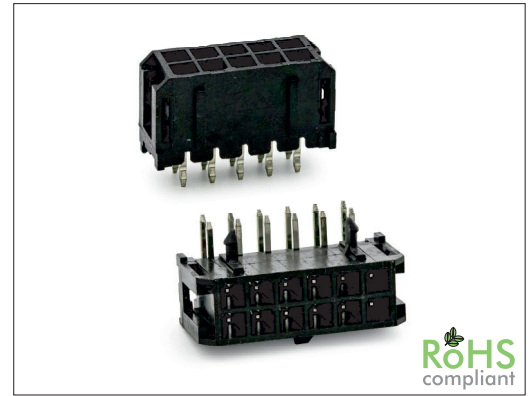
# 2300 Series 3.00 mm Micro MF Header

## General specifications

Insulator material	Nylon 6T, UL94V-0, color: black
Contact material	Copper alloy
Current rating	5 A (with two pins 7 A max.)
Voltage rating	250 VAC
Contact resistance	10 mΩ max.
Insulator resistance	1000 MΩ min.
Dielectrical withstanding	1500 VAC for 1 min
Operation temperature	-40 °C to +105 °C
Soldering	Lead free wave soldering process

## Mating parts series

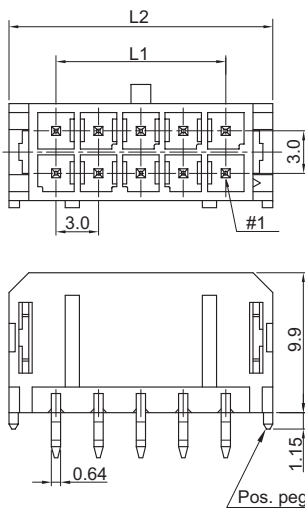
2300-P or cable assembly



## Mechanical dimensions

Unit: mm

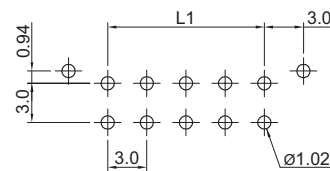
### 2300S



$$L1 = \left( \frac{\text{No. of contacts}}{2} - 1 \right) \times 3.00$$

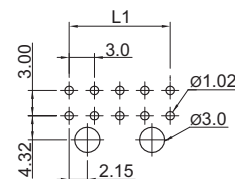
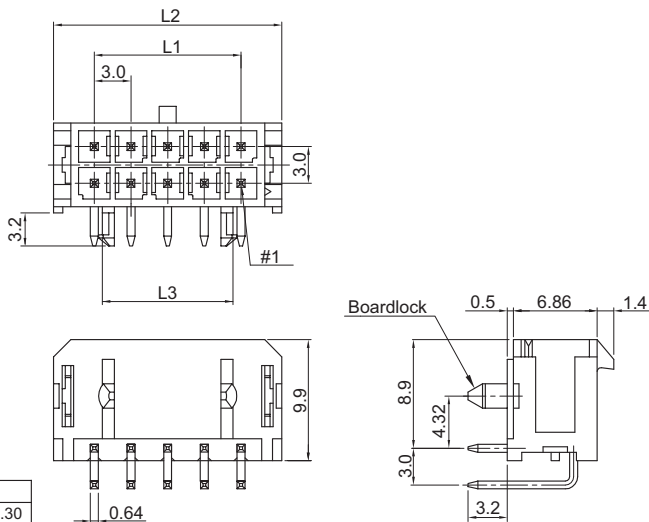
$$L2 = \left( \frac{\text{No. of contacts}}{2} \right) \times 3.00 + 3.70$$

$$L3 = L2 - 8.00 \text{ (8 to 24 pin)}$$

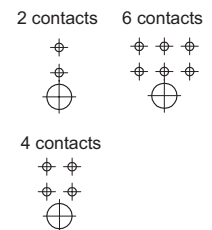


Recommended P.C.B. layout

### 2300R



Recommended P.C.B. layout



### Tolerances

Linear	X	± 0.30
	XX	± 0.20
	.XXX	± 0.10

## Part numbering guide

2300 S — 02 — B — 1

Series

S = THT straight  
R = THT right angle

No. of contacts  
02 to 24

Contact plating  
B = Flashgold  
F = 15 μ" gold  
T = Tin

Boardlock / position peg  
1 = w/ peg for 2300S  
1 = w/ lock for 2300R

\* standard

