

# 2424 Series

# 4.20 mm MF Pin Header Single Row

## General specifications

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| Insulator material        | Nylon 66                                              |
| Contact material          | Brass                                                 |
| Current rating            | 8 A (for 2 pins 9 A)                                  |
| Voltage rating            | 600 V AC/DC                                           |
| Contact resistance        | 10 mΩ max.                                            |
| Insulator resistance      | 1000 MΩ min.                                          |
| Dielectrical withstanding | 1500 VAC for 1 min                                    |
| Operating temperature     | UL94V-0: -40 °C to +105 °C, UL94V-2: -25 °C to +85 °C |
| Soldering                 | Lead free wave soldering process                      |

## Mating parts series

2424-PS, or cable assembly

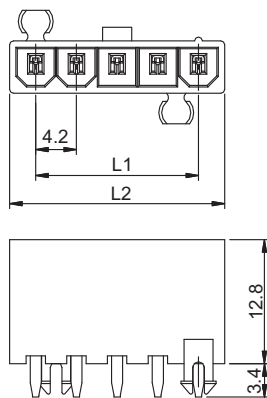


RoHS  
compliant

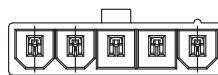
## Mechanical dimensions

Unit: mm

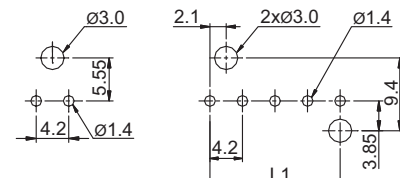
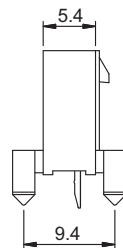
### 2424SS



### w/o pegs



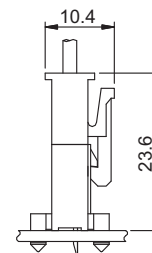
### w/ pegs



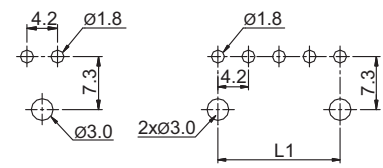
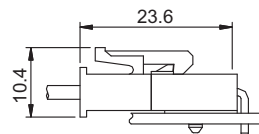
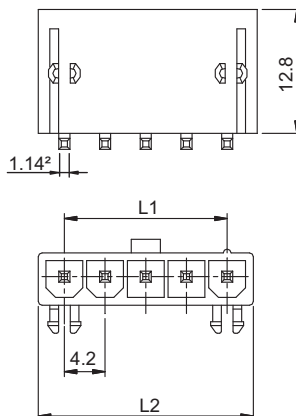
### 2 pin

Recommended P.C.B. layout

### 3 to 5 pin



### 2424RS



### 2 pin

Recommended P.C.B. layout

### 3 to 5 pin

$$L1 = \left( \frac{\text{No. of contacts}}{2} - 1 \right) \times 4.20$$

$$L2 = L1 + 5.40$$

### Tolerances

|        |     |        |
|--------|-----|--------|
| Linear | X   | ± 0.38 |
|        | .XX | ± 0.25 |

## Part numbering guide

2424 SS

Series  
SS = THT straight  
RS = THT right angle

02

No. of contacts  
02 to 05

T

Contact plating  
T = Tin

Material option  
N0 = UL94V-0, color: white, w/o pegs  
N2 = UL94V-2, color: nature, w/o pegs  
V2 = UL94V-2, color: nature, w/ pegs  
leave blank for UL94V-0, color: white, w/ pegs

\* standard

