

# 3.00 mm. MICRO HIGH SIDE ENTRY HEADER



## 5758 H SERIES. 3.00 x 3.00 mm. (0.118 x 0.118") pitch. High Current

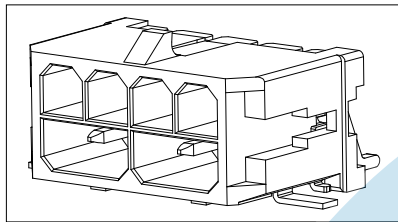
### General Features

- Available in 2 through 24 circuits
- Mates with 3.00 mm. crimp housing 5740H series
- Tin plated 0.64 mm. square pin
- Fully shrouded with strong polarization
- With SMT board lock
- Positive lock

### Materials

- Insulator: LCP UL 94 V-0
- Contact: brass alloy
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Dimensional Information



### Electrical Features

- Voltage rating: < 600V
- Current rating: 12.5 A maximum depending size cable and number of circuits. More information check **5740H** series
- Contact resistance: < 10 mΩ maximum
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

- Pin retention to header: > 0.13 Kgf
- Insertion force to header: <0.80 Kgf/pin tin plated  
<0.56 Kgf/pin gold plated
- Withdrawal force from header: <0.20 Kgf/pin tin plated  
<0.15 Kgf/pin gold plated
- Durability: 30 cycles

| Circuits | Part Number    | Dimensions |       |       |
|----------|----------------|------------|-------|-------|
|          |                | A          | B     | C     |
| 2        | 5758H - 2021E* | 6.65       | N/A   | 7.15  |
| 4        | 5758H - 2041E* | 9.65       | 3.00  | 10.15 |
| 6        | 5758H - 2061E* | 12.65      | 6.00  | 13.15 |
| 8        | 5758H - 2081E* | 15.65      | 9.00  | 16.15 |
| 10       | 5758H - 2101E* | 18.65      | 12.00 | 19.15 |
| 12       | 5758H - 2121E* | 21.65      | 15.00 | 22.15 |
| 14       | 5758H - 2141E* | 24.65      | 18.00 | 25.15 |
| 16       | 5758H - 2161E* | 27.65      | 21.00 | 28.15 |
| 18       | 5758H - 2181E* | 30.65      | 24.00 | 31.15 |
| 20       | 5758H - 2201E* | 33.65      | 27.00 | 34.15 |
| 22       | 5758H - 2221E* | 36.65      | 30.00 | 37.15 |
| 24       | 5758H - 2241E* | 39.65      | 33.00 | 40.15 |

### (E\*) Packing Options

- E = 1. Tube
- E = 2. Reel

