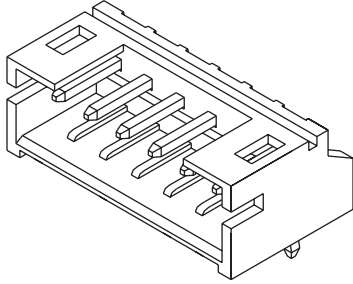


2.00mm (.079") Pitch Wire-to-Board Header

89401 Right Angle



Features and Benefits

- Sizes 2 to 16 circuits
- Latch windows retain positive locks after mating
- Standoffs minimize flux retention
- Coined version for positive pin retention to header

Reference Information

Product Specification: PS-89369
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980A
Mates With: 87369
Designed In: Millimeters

Electrical

Voltage: 250V
Current: 4.0A
Contact Resistance: 40 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 1000 Megohms min.

Physical

Housing: Natural 6/6 nylon, UL 94V-0
Contact: Brass
Plating: Tin
Operating Temperature: -25 to +85°C

| Circuits | Order No. | Lead-free |
|----------|------------|-----------|
| 2 | 89401-021X | Yes |
| 3 | 89401-031X | |
| 4 | 89401-041X | |
| 5 | 89401-051X | |
| 6 | 89401-061X | |
| 7 | 89401-071X | |
| 8 | 89401-081X | |
| 9 | 89401-091X | |

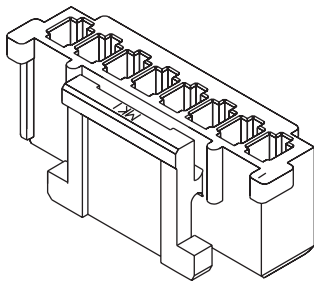
| Circuits | Order No. | Lead-free |
|----------|------------|-----------|
| 10 | 89401-101X | Yes |
| 11 | 89401-111X | |
| 12 | 89401-121X | |
| 13 | 89401-131X | |
| 14 | 89401-141X | |
| 15 | 89401-151X | |
| 16 | 89401-161X | |

| Replace X with color option (0 to 7) | |
|--------------------------------------|---------|
| 0 | Natural |
| 2 | Red |
| 3 | Yellow |
| 4 | Blue |
| 6 | Green |
| 7 | Black |

www.molex.com/customer.html?seriesNumber=89401

2.00mm (.079") Pitch Sherlock™ Wire-to-Board Housing

35507



Features and Benefits

- Sizes 2 to 20 circuits
- Positive lock latch provides secure mating retention
- Housing lance ensures good terminal retention
- Compact low-profile design for space savings
- Polarizing end walls prevent mismatching
- Five color choices for circuit identification

Reference Information

Product Specification: PS-35507
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 35362 and 35363 headers
Use With: 50212 terminal
Designed In: Millimeters

Electrical

Voltage: 125V
Current: 2.0A max.
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 500V
Insulation Resistance: 1000 Megohms min.

Mechanical

Contact Insertion Force: 9.8N (2.2 lb) max.
Contact Retention to Housing: 14.7N (3.3 lb) min.
Mating Force: 5 circuits—58.8N (13.2 lb)
Unmating Force: 5 circuits—3.3N (0.7 lb)
Durability: 30 cycles

Physical

Housing: Polyester, UL 94V-0
Operating Temperature: -40 to +105°C

| Circuits | Order No. |
|----------|----------------------------|
| 2 | 35507-0200 |
| 3 | 35507-0300 |
| 4 | 35507-0400 |
| 5 | 35507-0500 |
| 6 | 35507-0600 |
| 7 | 35507-0700 |
| 8 | 35507-0800 |

| Circuits | Order No. |
|----------|----------------------------|
| 9 | 35507-0900 |
| 10 | 35507-1000 |
| 11 | 35507-1100 |
| 12 | 35507-1200 |
| 13 | 35507-1300 |
| 14 | 35507-1400 |
| 15 | 35507-1500 |

| Circuits | Order No. |
|----------|----------------------------|
| 16 | 35507-1600 |
| 17 | 35507-1700 |
| 18 | 35507-1800 |
| 19 | 35507-1900 |
| 20 | 35507-2000 |