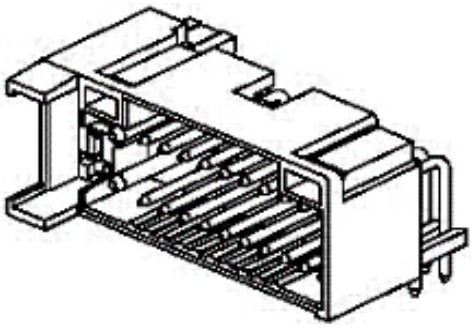
**Part Number :** 879427001
**Product Description :** 2.50mm/ 3.50mm Pitch, Wire-to-Board Connector, PCB Header with Single Fuse Socket, Right-Angle, Through Hole Solder Pins, 22 Circuits, Tin (Sn) Overall
**Series Number :** 87942
**Status :** Not Recommended For New Design
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)6375-DC (05 Nov 2025) SCIP:9b57ad9e-307b-418e-a95f-35bbea3c472a |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Not Recommended For New Design |
| Category | PCB Headers and Receptacles |
| Series | 87942 |
| Description | 2.50mm/ 3.50mm Pitch, Wire-to-Board Connector, PCB Header with Single Fuse Socket, Right-Angle, Through Hole Solder Pins, 22 Circuits, Tin (Sn) Overall |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | N/A |
| UPC | 822350226899 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 20.0A, 4.0A |
| Voltage - Maximum | 250V |

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 22 |
| Circuits (maximum) | 22 |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 15.10mm |
| Material - Plating Mating | Tin |

| | |
|---|---|
| Material - Plating Termination | Tin |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Bag |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.50mm |
| Pitch - Mating Interface | 2.50mm, 3.00mm |
| Plating min - Mating | 2.032µm |
| Plating min - Termination | 2.032µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| (p)ower-(s)ignal Configuration | 2p - 20s |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 2.50mm / 3.50mm Pitch Wire-to-Board Receptacle Housing with Fuse, 22 Circuits, Black | 879437001 |