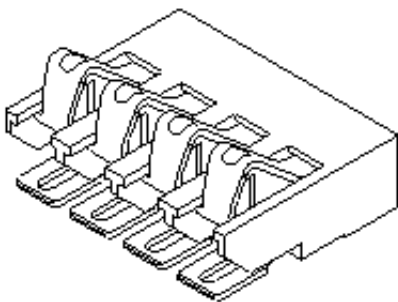





Part Number : [471030001](#)
Product Description : 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 1.20mm, 4 Circuits, Lead-Free
Series Number : 47103
Status : Planned for Obsolescence
Product Category : PCB Headers and Receptacles



Documents & Resources

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Planned for Obsolescence |
| Category | PCB Headers and Receptacles |
| Series | 47103 |
| Description | 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 1.20mm, 4 Circuits, Lead-Free |
| Application | Board-to-Board, Signal |
| Comments | Dimple on Contact Area |
| Component Type | PCB Header |
| Product Family | Battery Connectors |
| Product Name | Battery Connector, Compression Connector, One Piece |
| UPC | 822348239566 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 200V |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Durability (mating cycles max) | 10000 |
| First Mate / Last Break | Yes |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | None |
| Mated Height | 2.30mm |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 190.395/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |

| | |
|-------------------------------|---------------|
| PCB Retention | None |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Mating | 0.762μm |
| Plating min - Termination | 3.810μm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | No |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Surface Mount |

Solder Process Data

| | |
|------------------------------|--------|
| Max-Duration | 3 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 1 |
| Max-Temp | 245 |