

Part Number : [474100001](#)

Product Description : 2.00mm Pitch Battery Connector, 4 Circuits, Surface Mount, Width 7.00mm, Working Height 3.80mm, Lead-Free

Series Number : 47410

Status : Not Recommended For New Design

Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

[474100001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

Specifications

[PS-47158-001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| 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)7771-DC (04 Feb 2026) |
| 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

Part Details

General

| | |
|----------------|-----------------------------------------------------------------------------------------------------------|
| Status | Not Recommended For New Design |
| Category | PCB Headers and Receptacles |
| Series | 47410 |
| Description | 2.00mm Pitch Battery Connector, 4 Circuits, Surface Mount, Width 7.00mm, Working Height 3.80mm, Lead-Free |
| Application | Board-to-Board, Signal |
| Component Type | PCB Header |
| Product Name | Battery Connector, Compression Connector, One Piece |
| UPC | 822350648561 |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 200V (RMS) |

Physical

| | |
|--------------------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10000 |

| | |
|--------------------------------|--------------------------------|
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Lock to Mating Part | No |
| Mated Height | 3.80mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Material - Resin | High Performance Thermoplastic |
| Net Weight | 0.203/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | No |
| Pitch - Mating Interface | 2.00mm |
| Pitch - Termination Interface | 2.00mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 1.270µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | Unshrouded |
| Stackable | Yes |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Surface Mount |

This document was generated on May 04, 2026