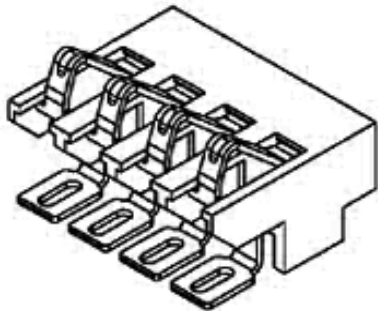




Part Number : [474100001](#)
Product Description : 2.00mm Pitch Battery Connector, 4 Circuits, Surface Mount, Width 7.00mm, Working Height 3.80mm, Lead-Free
Series Number : 47410
Status : Not Recommended For New Design
Product Category : PCB Headers and Receptacles



Documents & 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(2024)7663-DC (21 Jan 2025)
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	None
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	None
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	No
Stackable	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount