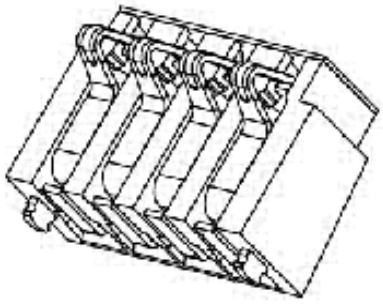
Part Number : 475070010
Product Description : 2.00mm Pitch Battery Connector with side Fitting Nails, Surface Mount, Contact Width 0.70mm, with Mylar, 4 Circuits, Lead-Free
Series Number : 47507
Status : Not Recommended For New Design
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

475070010_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 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)4165-DC (25 June 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	47507
Description	2.00mm Pitch Battery Connector with side Fitting Nails, Surface Mount, Contact Width 0.70mm, with Mylar, 4 Circuits, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Name	Battery Connector
UPC	883906275037

Electrical

Current - Maximum per Contact	1.5A, 2.0A
Voltage - Maximum	200V (RMS)

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	10000
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None

Lock to Mating Part	None
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.295/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.076µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	250