



Part Number : [472861001](#)

Product Description : 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.70mm, Dimple on Contact Area, Working Height 1.60mm, 4 Circuits, Lead-Free

Series Number : 47286

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 472861001_sd.pdf](#)

[Packaging Design Drawing PK-47286-001-002.pdf](#)

3D Models and Design Files


[3D Model 472861001_stp.zip](#)

Specifications

[Product Specification PS-47286-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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	Active
Category	PCB Headers and Receptacles
Series	47286
Description	2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.70mm, Dimple on Contact Area, Working Height 1.60mm, 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	822350798143

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	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	1.60mm

Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.139/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
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-20° to +70°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	250