



Part Number : 476150001

Series Number : 47615

Product Category : PCB Headers and Receptacles

Product Description : 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.67mm, 4 Circuits, Lead-Free

Status : Active


Documents & Resources

Drawings
Drawing 476150001_sd.pdf
Packaging Design Drawing PK-47615-001-001.pdf

Specifications
Product Specification PS-47615-001-001.pdf
Test Summary TS-47615-001-010.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(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)

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	47615
Description	2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.67mm, 4 Circuits, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Family	Battery Connectors
Product Name	Battery Connector
UPC	800756930022

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)	5000
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	0.128/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
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	10
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	255