



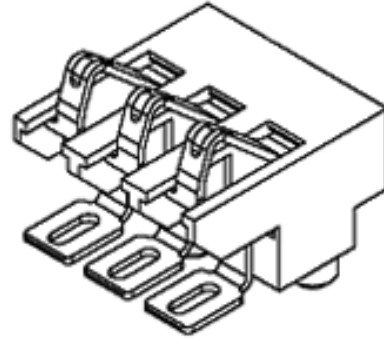
Part Number : [1050400001](#)

Product Description : 2.00mm Pitch Battery Connector, 3 Circuits, Surface Mount, Contact Width 0.70mm, with Pegs, Working Height 3.80mm Lead-Free

Series Number : 105040

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 1050400001_sd.pdf](#)

[Packaging Design Drawing PK-105040-001-001.pdf](#)

3D Models and Design Files

[3D Model 1050400001_stp.zip](#)

Specifications

[Product Specification PS-105040-001-001.pdf](#)

[Test Summary TS-105040-001-001.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	105040
Description	2.00mm Pitch Battery Connector, 3 Circuits, Surface Mount, Contact Width 0.70mm, with Pegs, Working Height 3.80mm Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Family	Battery Connectors
Product Name	Battery Connector, Compression Connector, One Piece
UPC	883906179229

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	12V DC

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
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	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.164/g
Number of Rows	1
Orientation	Vertical
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	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	3
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	250