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Part Number: [0476150001](#)
Status: **Active**
Overview: [Battery Connectors](#)
Description: 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.67mm, 4 Circuits, Lead-Free

Documents:

3D Model	Product Specification TS-47615-001-010 (PDF)
Drawing (PDF)	Packaging Specification PK-47615-001 (PDF)
Product Specification PS-47615-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	47615
Application	Board-to-Board, Signal
Overview	Battery Connectors
Product Name	Battery Connector
UPC	800756930022

Physical

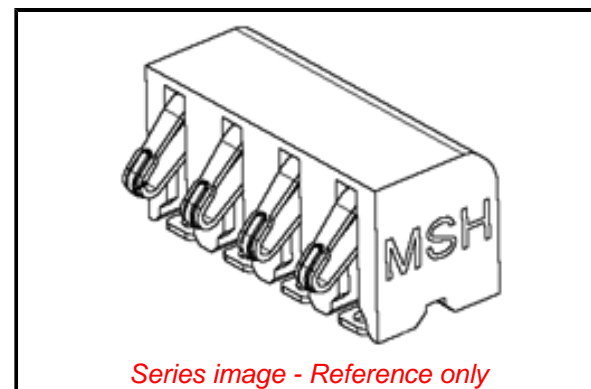
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	5000
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.300/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
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°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	200V (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[47615 Series](#)

Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	255

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47615-001
Product Specification	PS-47615-001-001, TS-47615-001-010
Sales Drawing	SD-47615-001

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