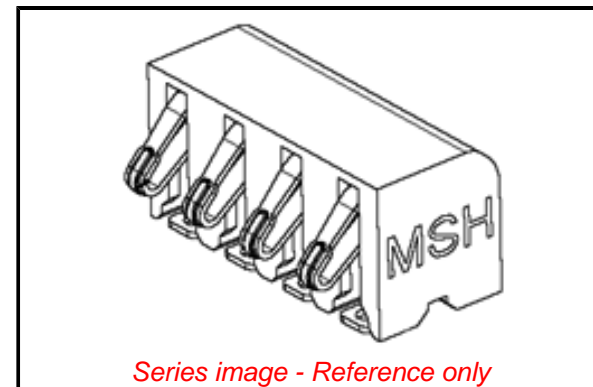


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

[Drawing \(PDF\)](#) [Test Summary TS-47615-001-010 \(PDF\)](#)  
[Product Specification PS-47615-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-47615-001 \(PDF\)](#)



**General**

Product Family	PCB Headers
Series	47615
Application	Board-to-Board, Signal
Overview	<a href="#">Battery Connectors</a>
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 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
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° 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-free Process Capability	REFLOW

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
January 20

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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
Sales Drawing	SD-47615-001
Test Summary	TS-47615-001-010

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