

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0475310011](#)
Status: **Active**
Overview: [battery connectors](#)
Description: 2.00mm (.079") Pitch Battery Connector, SMT, Contact Width 0.67mm (.026"), without Mylar, 4 Circuits

Documents:

[3D Model](#) [Product Specification PS-47531-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
 Series [47531](#)
 Application Board-to-Board, Signal
 Overview [battery connectors](#)
 Product Name Battery Connector

Physical

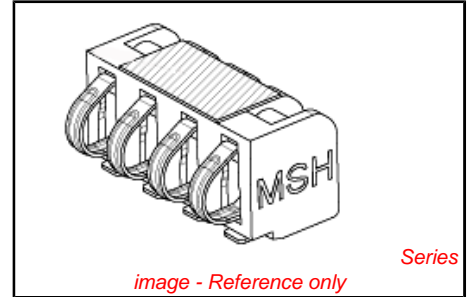
Breakaway No
 Circuits (Loaded) 4
 Circuits (maximum) 4
 Durability (mating cycles max) 10,000
 First Mate / Last Break No
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin High Temperature Thermoplastic
 Number of Rows 1
 Orientation Right Angle
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 2.00mm (.079")
 Pitch - Termination Interface 2.00mm (.079")
 Plating min - Mating 0.762µm (30µ")
 Plating min - Termination 0.076µm (3µ")
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1A
 Voltage - Maximum 200V (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds) 3
 Lead-free Process Capability Reflow Capable (SMT only)
 Max. Cycles at Max. Process Temperature 3
 Process Temperature max. C 250



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[47531Series](#)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-47531-001
SD-47531-001

This document was generated on 05/09/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION