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Part Number: [1050291001](#)
Status: **Active**
Overview: [battery_connectors](#)
Description: 2.00mm Pitch Battery Connector, Right Angle, 4 Circuits, SMT, Contact Width 0.65mm, Lead-Free

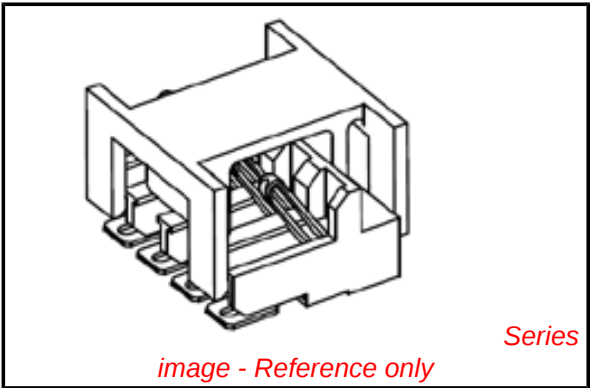
Documents:
[3D Model](#) [Product Specification PS-105029-101 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [105029](#)
Application Board-to-Board, Signal
Comments Recommended Nominal Horizontal Deflection 1.05mm
Overview [battery_connectors](#)
Product Name Battery Connector

Physical
Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Black
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 Beryllium Copper
Material - Plating Mating Gold
Material - Plating Termination Tin
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
Pitch - Termination Interface 2.00mm
Plating min - Mating 0.762µm
Plating min - Termination 3.683µm
Polarized to Mating Part No
Polarized to PCB No
Robotic Placement Vacuum Pick-Up Tape
Shrouded No
Stackable No
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) 30



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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
[105029Series](#)

Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Product Specification	PS-105029-101
Sales Drawing	SD-105029-101

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