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**Part Number:** [0474170001](#)

**Status:** **Active**

**Overview:**

**Description:** 2.00mm (.079") Pitch Battery Connector, SMT, Contact Width 0.70mm (.028"), Working Height 2.95mm (.116"), 4 Circuits, Lead-free

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-47182-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	47417
Application	Board-to-Board
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 - Plating Mating	Gold
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

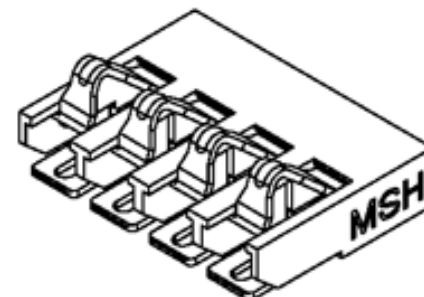
Current - Maximum	1A
Voltage - Maximum	200V (RMS)

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	30
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**



Series image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Halogen-Free**

**Status**

**Halogen-Free**

**Need more information on product environmental compliance?**

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

**China RoHS**



**Search Parts in this Series**

47417 Series

This document was generated on 11/06/2009

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