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Part Number: [47507-0010](#)
Status: **Active**
Overview: [Battery Connectors](#)
Description: 2.00mm Pitch Battery Connector with side Fitting Nails, SMT, Contact Width 0.70mm, with Mylar, 4 Circuits, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	47507
Application	Board-to-Board, Signal
Overview	Battery Connectors
Product Name	Battery Connector
UPC	883906275037

Physical

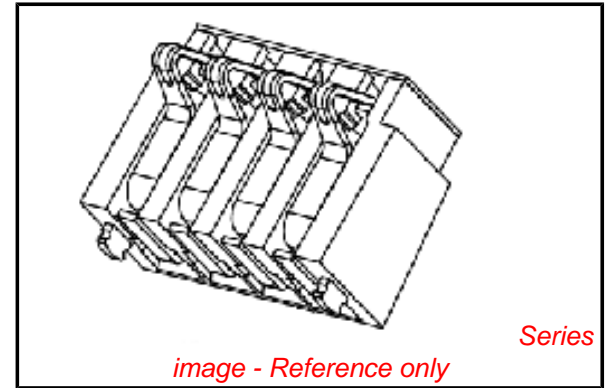
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	10,000
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.295/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.076µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
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	1.5A, 2A
Voltage - Maximum	200V (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
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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

[47507Series](#)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Reflow Capable (SMT only)
1
250

Material Info

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