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Part Number: [47507-0001](#)
Status: **Active**
Overview: [Battery Connectors](#)
Description: 2.00mm Pitch Battery Connector with side Fitting Nails, SMT, Contact Width 0.70mm, without Mylar, 4 Circuits, Lead-Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

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

General

| | |
|----------------|------------------------------------|
| Product Family | PCB Headers |
| Series | 47507 |
| Application | Board-to-Board, Signal |
| Overview | Battery Connectors |
| Product Name | Battery Connector |
| UPC | 822350925488 |

Physical

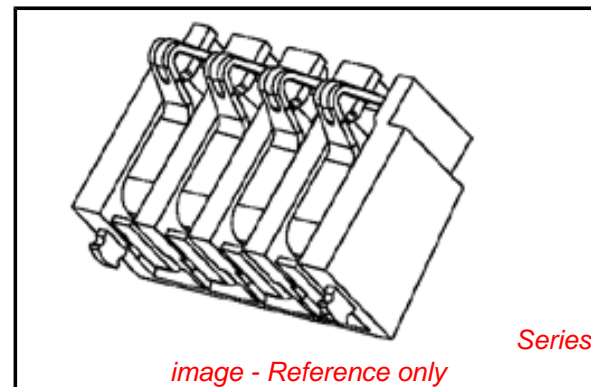
| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Durability (mating cycles max) | 10,000 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating 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 |
| 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) | 48 |
| Lead-free Process Capability | Reflow Capable (SMT only) |



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

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

Search Parts in this Series

[47507Series](#)

| | |
|---|-----|
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 250 |

Material Info

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