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**Part Number:** [0475070010](#)  
**Status:** **Active**  
**Overview:** [Battery Connectors](#)  
**Description:** 2.00mm Pitch Battery Connector with side Fitting Nails, Surface Mount, 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         | <a href="#">47507</a>              |
| Application    | Board-to-Board, Signal             |
| Overview       | <a href="#">Battery Connectors</a> |
| Product Name   | Battery Connector                  |
| UPC            | 883906275037                       |

**Physical**

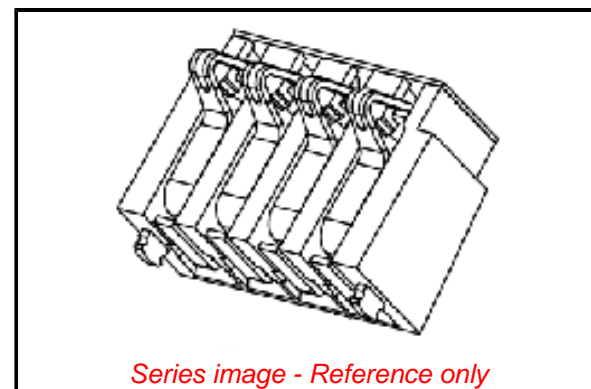
|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| Durability (mating cycles max) | 10000                          |
| First Mate / Last Break        | No                             |
| Glow-Wire Capable              | 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° to +85°C                  |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 1.5A, 2.0A |
| Voltage - Maximum             | 200V (RMS) |

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 030    |
| Lead-freeProcess Capability                    | REFLOW |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[47507 Series](#)

|   |     |
|---|-----|
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C              | 250 |

**Material Info**

**Reference - Drawing Numbers**

|               |                  |
|---------------|------------------|
| Sales Drawing | SD-47507-001-001 |
|---------------|------------------|

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