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Part Number:

105040-0001

Status:

Active

Overview:

Battery Connectors

Description:

2.00mm Pitch Battery Connector, 3 Circuits, Surface Mount, Contact Width 0.70mm, with Pegs, Working Height 3.80mm Lead-Free

Documents:

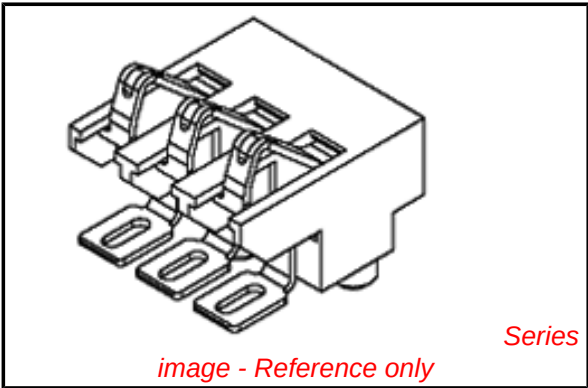
3D Model

Drawing (PDF)

Product Specification PS-105040-001 (PDF)

Test Summary TS-105040-001 (PDF)

RoHS Certificate of Compliance (PDF)



|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| General                        |                                                     |
| Product Family                 | PCB Headers                                         |
| Series                         | 105040                                              |
| Application                    | Board-to-Board, Signal                              |
| Overview                       | Battery Connectors                                  |
| Product Name                   | Battery Connector, Compression Connector, One Piece |
| UPC                            | 883906179229                                        |
| Physical                       |                                                     |
| Breakaway                      | No                                                  |
| Circuits (Loaded)              | 3                                                   |
| Circuits (maximum)             | 3                                                   |
| 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               | Copper Alloy                                        |
| Material - Plating Mating      | Gold                                                |
| Material - Plating Termination | Gold                                                |
| Material - Resin               | High Temperature Thermoplastic                      |
| Net Weight                     | 0.164/g                                             |
| Number of Rows                 | 1                                                   |
| Orientation                    | Vertical                                            |
| 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      | 0.051µm                                             |
| Polarized to Mating Part       | Yes                                                 |
| Polarized to PCB               | Yes                                                 |
| Shrouded                       | No                                                  |
| Stackable                      | Yes                                                 |
| Temperature Range - Operating  | -40°C to +85°C                                      |
| Termination Interface: Style   | Surface Mount                                       |
| Electrical                     |                                                     |
| Current - Maximum per Contact  | 1A                                                  |
| Voltage - Maximum              | 12V DC                                              |
| Solder Process Data            |                                                     |

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](mailto: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

105040Series

|                                                |                           |
|------------------------------------------------|---------------------------|
| Duration at Max. Process Temperature (seconds) | 3                         |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 1                         |
| Process Temperature max. C                     | 250                       |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-105040-001 |
| Sales Drawing         | SD-105040-001 |
| Test Summary          | TS-105040-001 |

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