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Part Number:

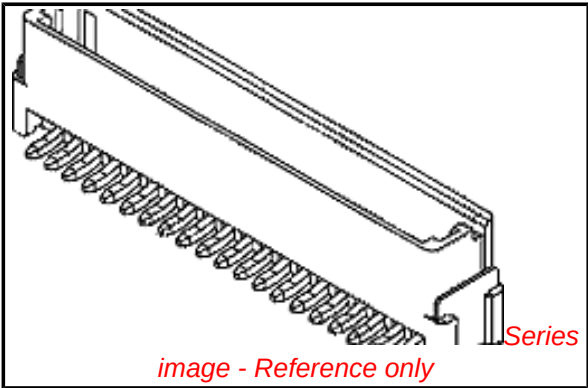
55450-1669

Status:

Active

Description:

1.25mm Pitch Mi II™ System Wire-to-Board Header, Surface Mount, Single Row, Vertical, 16 Circuits, without Plastic Peg, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-54596-022 (PDF)

RoHS Certificate of Compliance (PDF)

| General                        |                                |
|--------------------------------|--------------------------------|
| Product Family                 | PCB Headers                    |
| Series                         | 55450                          |
| Application                    | Signal, Wire-to-Board          |
| Product Name                   | Mini Mi II™                    |
| UPC                            | 822348868797                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 16                             |
| Circuits (maximum)             | 16                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 8.40mm                         |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 658.200/mg                     |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.25mm                         |
| Pitch - Termination Interface  | 1.25mm                         |
| Polarized to Mating Part       | Yes                            |
| Shrouded                       | Partial                        |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40°C to +105°C                |
| Termination Interface: Style   | Surface Mount                  |
| Electrical                     |                                |
| Current - Maximum per Contact  | 1.5A                           |
| Voltage - Maximum              | 100V                           |

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-54596-022, RPS-54596-025, RPS-54596-026

SD-55450-010, SD-55450-011

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not 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

55450Series

Mates With

54596 IDT Receptacle Housing

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