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Part Number:

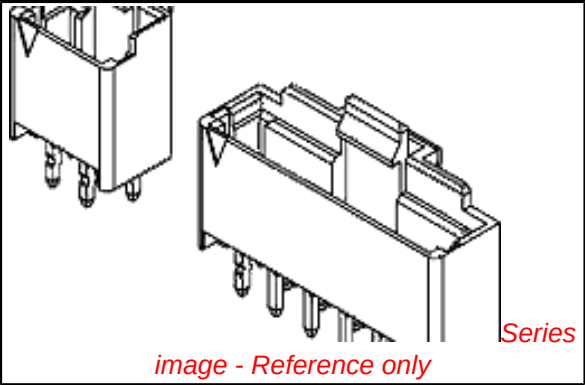
55447-1270

Status:

Active

Description:

1.25mm Pitch Mi II™ System Wire-to-Board Header, Single Row, Vertical, with Positive Lock, Lead-Free, 12 Circuits



|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Documents:                    |                                                          |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-54596-018 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                |                                            |
|--------------------------------|--------------------------------------------|
| General                        |                                            |
| Product Family                 | PCB Headers                                |
| Series                         | 55447                                      |
| Application                    | Signal, Wire-to-Board                      |
| Product Name                   | Mini Mi II™                                |
| UPC                            | 756054760550                               |
| Physical                       |                                            |
| Breakaway                      | No                                         |
| Circuits (Loaded)              | 12                                         |
| Circuits (maximum)             | 12                                         |
| 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                                        |
| Material - Plating Mating      | Tin                                        |
| Material - Plating Termination | Tin                                        |
| Material - Resin               | Nylon                                      |
| Net Weight                     | 986.800/mg                                 |
| Number of Rows                 | 1                                          |
| Orientation                    | Vertical                                   |
| PC Tail Length                 | 3.00mm                                     |
| PCB Locator                    | Yes                                        |
| PCB Retention                  | Yes                                        |
| PCB Thickness - Recommended    | 1.60mm                                     |
| Packaging Type                 | Tray                                       |
| Pitch - Mating Interface       | 1.25mm                                     |
| Polarized to Mating Part       | Yes                                        |
| Shrouded                       | Fully                                      |
| Stackable                      | No                                         |
| Surface Mount Compatible (SMC) | No                                         |
| Temperature Range - Operating  | -40°C to +105°C                            |
| Termination Interface: Style   | Through Hole                               |
| Electrical                     |                                            |
| Current - Maximum per Contact  | 1.5A                                       |
| Voltage - Maximum              | 100V                                       |
| Material Info                  |                                            |
| Reference - Drawing Numbers    |                                            |
| Product Specification          | PS-54596-018, RPS-54596-024, RPS-54596-027 |
| Sales Drawing                  | SD-55447-010                               |

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

55447Series

Mates With

51336 PBT Polyester, Glass-filled Housing, 54596 PA Polyamide Housing

This document was generated on 10/08/2014

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