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Part Number:

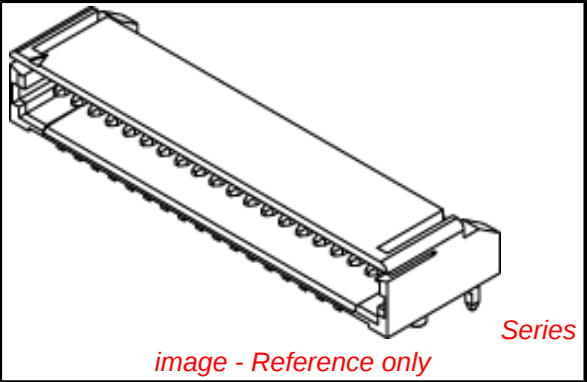
0554540470

Status:

Active

Description:

1.25mm (.049") Pitch Mi II™ System Wire-to-Board Header, Single Row, Right Angle, Lead-free, 4 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                         | 55454                       |
| Application                    | Wire-to-Board               |
| Product Name                   | Mini Mi II™                 |
| Physical                       |                             |
| Breakaway                      | No                          |
| Circuits (Loaded)              | 4                           |
| 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                         |
| Number of Rows                 | 1                           |
| Orientation                    | Right Angle                 |
| PC Tail Length (in)            | 0.118 In                    |
| PC Tail Length (mm)            | 3.00 mm                     |
| PCB Locator                    | Yes                         |
| PCB Retention                  | Yes                         |
| PCB Thickness Recommended (in) | 0.062 In                    |
| PCB Thickness Recommended (mm) | 1.60 mm                     |
| Packaging Type                 | Tray                        |
| Pitch - Mating Interface (in)  | 0.049 In                    |
| Pitch - Mating Interface (mm)  | 1.25 mm                     |
| 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 |
| Sales Drawing                  | SD-55454-007                |

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Not Reviewed

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

55454Series

Mates With

51336 PBT Polyester, Glass-filled Housing.

54596 PA Polyamide Housing

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