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Part Number: [0545960410](#)
Status: **Active**
Description: MINI MI2 REC. ASSY (SN)

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-54596-021 (PDF) |
| Drawing (PDF) | Product Specification PS-54596-022 (PDF) |
| Product Specification PS-54596-005 (PDF) | Product Specification PS-54596-023 (PDF) |
| Product Specification PS-54596-006 (PDF) | Product Specification PS-54769-004 (PDF) |
| Product Specification PS-54596-007 (PDF) | Product Specification PS-55448-001 (PDF) |
| Product Specification PS-54596-018 (PDF) | Product Specification PS-55482-006 (PDF) |
| Product Specification PS-54596-019 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-54596-020 (PDF) | |

General

| | |
|----------------|---------------------------|
| Product Family | IDT and Solder Connectors |
| Series | 54596 |
| Product Name | Mini Mi II™ |

Physical

| | |
|--------------------------------|--------------------------|
| Circuits (Loaded) | 4 |
| Color - Resin | Natural |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface (in) | 0.049 In |
| Pitch - Mating Interface (mm) | 1.25 mm |
| Plating min: Mating (µin) | 36 |
| Plating min: Mating (µm) | 0.90 |
| Plating min: Termination (µin) | 36 |
| Plating min: Termination (µm) | 0.90 |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | IDT or Pierce |
| Wire Insulation Diameter | 0.80-0.90mm (.031-.035") |
| Wire Size AWG | 26 |
| Wire Size AWG | 28 |

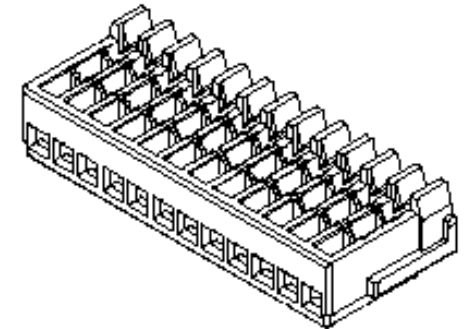
Electrical

| | |
|-------------------|------|
| Current - Maximum | 1.5A |
| Voltage - Maximum | 100V |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-54596-005 |
| Product Specification | PS-54596-006 |
| Product Specification | PS-54596-007 |
| Product Specification | PS-54596-018 |
| Product Specification | PS-54596-019 |
| Product Specification | PS-54596-020 |



Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China RoHS



Search Parts in this Series

[54596](#) Series

Mates With

[55451](#) , [55447](#) , [55454](#) , [55659](#) , [55456](#) , [55482](#) , [55450](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Japan

| Description | Product # |
|--|----------------------------|
| Hand Crimper | 0578345000 |
| IDT Bench-Top Terminator for Mini Mi II™ | 0578277100 |
| Fully-Automated IDT Machine (XELOM-PLUS) | 0578008300 |
| Fully-Automated IDT Machine (XELOM-PLUS) | 0578008400 |

| | |
|-----------------------|---------------|
| Product Specification | PS-54596-021 |
| Product Specification | PS-54596-022 |
| Product Specification | PS-54596-023 |
| Product Specification | PS-54769-004 |
| Product Specification | PS-55448-001 |
| Product Specification | PS-55482-006 |
| Product Specification | RPS-54596-012 |
| Product Specification | RPS-54596-013 |
| Product Specification | RPS-54596-014 |
| Product Specification | RPS-54596-016 |
| Product Specification | RPS-54596-017 |
| Product Specification | RPS-54596-022 |
| Product Specification | RPS-54596-023 |
| Product Specification | RPS-54596-024 |
| Product Specification | RPS-54596-025 |
| Product Specification | RPS-54596-026 |
| Product Specification | RPS-54966-004 |
| Product Specification | RPS-55448-004 |
| Sales Drawing | SD-54596-004 |

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