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Part Number: [54596-1710](#)
Status: **Active**
Overview: Mini Mi II™ Wire Harness
Description: MINI MI2 REC. ASSY (SN)

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-54596-020 (PDF) |
| Drawing (PDF) | Product Specification PS-54596-021 (PDF) |
| Product Specification PS-54596-005 (PDF) | Product Specification PS-54596-022 (PDF) |
| Product Specification PS-54596-006 (PDF) | Product Specification PS-54596-023 (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) |

General

| | |
|-------------------------|---------------------------------|
| Product Family | IDT and Solder Connectors |
| Series | 54596 |
| Crimp Quality Equipment | Yes |
| Overview | <u>Mini Mi II™ Wire Harness</u> |
| Product Name | Mini Mi II™ |
| UPC | 800753280946 |

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 17 |
| Circuits (maximum) | 17 |
| 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 |
| Net Weight | 493.800/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 1.25mm |
| Plating min - Mating | 0.914µm |
| Plating min - Termination | 0.914µm |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | IDT or Pierce |
| Wire Insulation Diameter | 0.80-0.90mm |
| Wire Size AWG | 26, 28 |

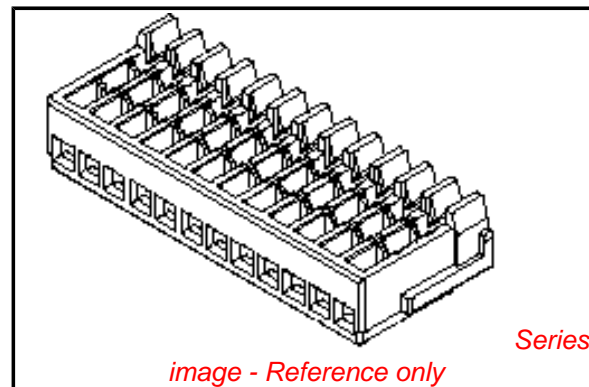
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-54596-005, PS-54596-006, PS-54596-007, PS-54596-018, PS-54596-019, PS-54596-020, PS-54596-021, PS-54596-022, PS-54596-023, PS-55448-001, PS-55482-006, RPS-54596-012, |
|-----------------------|--|



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
 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

[54596Series](#)

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.

Global

| Description | Product # |
|-------------------------|----------------------------|
| IDT System Hand Crimper | 0621009800 |

Japan

| Description | Product # |
|--|----------------------------|
| Fully-Automated IDT Machine (XELOM-PLUS) | 0578008300 |
| Fully-Automated IDT Machine (XELOM-PLUS) | 0578008400 |

Sales Drawing

RPS-54596-013, RPS-54596-014, RPS-54596-016,
RPS-54596-017, RPS-54596-022, RPS-54596-023,
RPS-54596-024, RPS-54596-025, RPS-54596-026,
RPS-54596-027, RPS-55448-004
SD-54596-004

| | |
|--------------------------|-------------------|
| IDT Bench-Top Terminator | <u>0578277100</u> |
| Hand Crimper | <u>0578345000</u> |

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