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Part Number: **0545962010**
Status: **Active**
Overview: Mini Mi II™ Wire Harness
Description: Mini Mi II™ Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 20 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-54596-021-001 (PDF) |
| Drawing (PDF) | Product Specification PS-54596-022-001 (PDF) |
| Product Specification PS-54596-005-001 (PDF) | Product Specification PS-54596-023-001 (PDF) |
| Product Specification PS-54596-006-001 (PDF) | Product Specification PS-55448-001-001 (PDF) |
| Product Specification PS-54596-007-001 (PDF) | Product Specification PS-55482-006-001 (PDF) |
| Product Specification PS-54596-018-001 (PDF) | Product Specification PS-55659-005-001 (PDF) |
| Product Specification PS-54596-019-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-54596-020-001 (PDF) | |

General

| | |
|-------------------------|---------------------------|
| Product Family | IDT and Solder Connectors |
| Series | 54596 |
| Crimp Quality Equipment | Yes |
| MolexKits | Yes |
| Overview | Mini Mi II™ Wire Harness |
| Product Name | Mini Mi II™ |
| UPC | 800753280977 |

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| 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 | 578.600/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 |

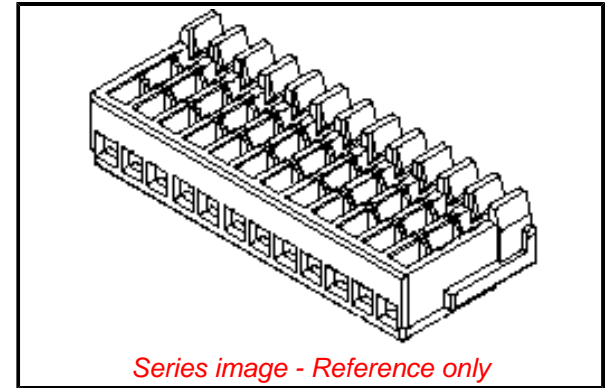
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-54596-005-001, PS-54596-006-001, PS-54596-007-001, PS-54596-018-001, |
|-----------------------|--|



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

54596 Series

Mates With

55451 , 55447 , 55454 , 55659 , 55456 ,
55482 , 55450

Sales Drawing

PS-54596-019-001, PS-54596-020-001,
PS-54596-021-001, PS-54596-022-001,
PS-54596-023-001, PS-55448-001-001,
PS-55482-006-001, PS-55659-005-001
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