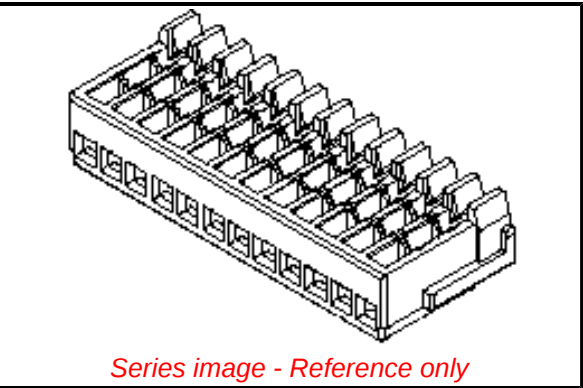


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**Part Number:** [0545960510](#)  
**Status:** **Active**  
**Overview:** Mini Mi II™ Wire Harness  
**Description:** Mini Mi II Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 5 Circuits



Series image - Reference only

**Documents:**

|                                                              |                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-54596-020-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-54596-021-001 (PDF)</a> |
| <a href="#">Product Specification PS-54596-005-001 (PDF)</a> | <a href="#">Product Specification PS-54596-022-001 (PDF)</a> |
| <a href="#">Product Specification PS-54596-006-001 (PDF)</a> | <a href="#">Product Specification PS-54596-023-001 (PDF)</a> |
| <a href="#">Product Specification PS-54596-007-001 (PDF)</a> | <a href="#">Product Specification PS-55448-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-54596-018-001 (PDF)</a> | <a href="#">Product Specification PS-55482-006-001 (PDF)</a> |
| <a href="#">Product Specification PS-54596-019-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**General**

|                         |                                          |
|-------------------------|------------------------------------------|
| Product Family          | IDT and Solder Connectors                |
| Series                  | <a href="#">54596</a>                    |
| Crimp Quality Equipment | Yes                                      |
| Overview                | <a href="#">Mini Mi II™ Wire Harness</a> |
| Product Name            | Mini Mi II                               |
| UPC                     | 800753280816                             |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 5               |
| Circuits (maximum)             | 5               |
| Color - Resin                  | Natural         |
| Gender                         | Female          |
| Glow-Wire Capable              | No              |
| Lock to Mating Part            | None            |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Net Weight                     | 154.800/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° 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, PS-54596-019-001, PS-54596-020-001, PS-54596-021-001, PS-54596-022-001, |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| Prop65          | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[54596](#) Series

**Mates With**

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

This document was generated on 09/10/2018

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