

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0545961610](#)  
**Status:** **Active**  
**Overview:** Mini Mi II™ Wire Harness  
**Description:** Mini Mi II™ Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 16 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-54596-021 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-54596-022 (PDF)</a>
<a href="#">Product Specification PS-54596-005 (PDF)</a>	<a href="#">Product Specification PS-54596-023 (PDF)</a>
<a href="#">Product Specification PS-54596-006 (PDF)</a>	<a href="#">Product Specification PS-55448-001 (PDF)</a>
<a href="#">Product Specification PS-54596-007 (PDF)</a>	<a href="#">Product Specification PS-55482-006 (PDF)</a>
<a href="#">Product Specification PS-54596-018 (PDF)</a>	<a href="#">Product Specification PS-55659-005 (PDF)</a>
<a href="#">Product Specification PS-54596-019 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-54596-020 (PDF)</a>	

**General**

Product Family	IDT and Solder Connectors
Series	<a href="#">54596</a>
Crimp Quality Equipment	Yes
Overview	<u>Mini Mi II™ Wire Harness</u>
Product Name	Mini Mi II™
UPC	800753280939

**Physical**

Circuits (Loaded)	16
Circuits (maximum)	16
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	465.600/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

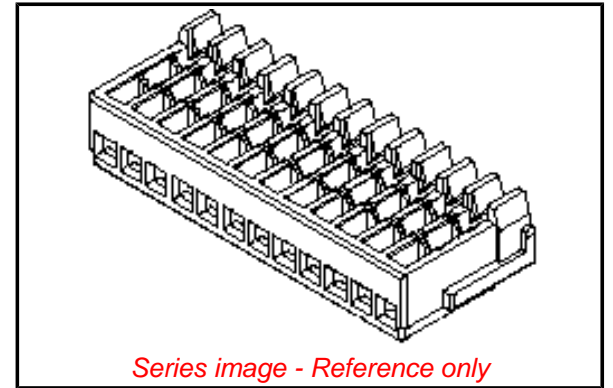
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-54596-005, PS-54596-006, PS-54596-007, PS-54596-018, PS-54596-019, PS-54596-020, PS-54596-021, PS-54596-022, PS-54596-023,
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**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

ELV

**China RoHS**

Green Image

Not Relevant

**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.*

**Global**

**Description**

**Product #**

IDT System Hand Crimper	<a href="#">0621009800</a>
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**Japan**

**Description**

**Product #**

IDT Bench-Top Terminator	<a href="#">0578277100</a>
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Sales Drawing

PS-55448-001, PS-55482-006, PS-55659-005,  
RPS-54596-012, 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

Fully-Automated IDT <u>0578008300</u> Machine (XELOM- PLUS)
Fully-Automated IDT <u>0578008400</u> Machine (XELOM- PLUS)
Hand Crimper <u>0578345000</u>

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