

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

**Part Number:** **0545961810**  
**Status:** **Active**  
**Overview:** Mini Mi II™ Wire Harness  
**Description:** Mini Mi II™ Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 18 Circuits

**Documents:**

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

**General**

Product Family	IDT and Solder Connectors
Series	<a href="#">54596</a>
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	<a href="#">Mini Mi II™ Wire Harness</a>
Product Name	Mini Mi II™
UPC	800753280953

**Physical**

Circuits (Loaded)	18
Circuits (maximum)	18
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	522.100/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

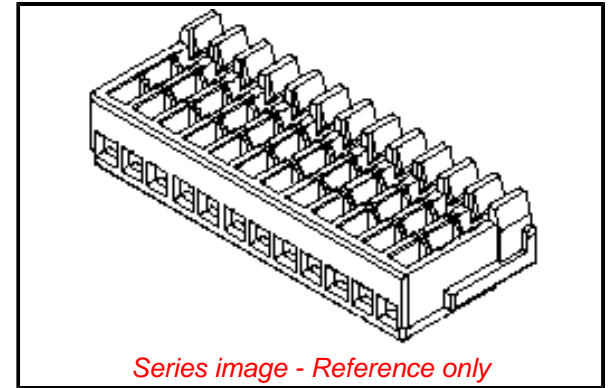
**Electrical**

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,
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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

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  
SD-54596-004

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