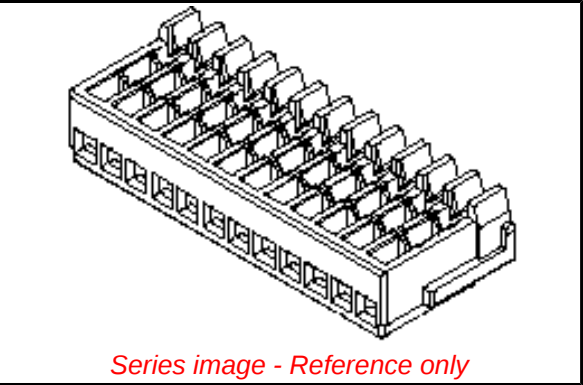


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Part Number: [0545961210](#)
Status: **Active**
Overview: Mini Mi II™ Wire Harness
Description: Mini Mi II™ Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 12 Circuits



Series image - Reference only

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	800753280885

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
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	352.600/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,
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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
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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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