

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0545960410](#)
Status: **Active**
Overview: Mini Mi II™ Wire Harness
Description: Mini Mi II™ Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 4 Circuits

Documents:

3D Model	Product Specification PS-54596-020-001 (PDF)
Drawing (PDF)	Product Specification PS-54596-021-001 (PDF)
Product Specification PS-54596-005-001 (PDF)	Product Specification PS-54596-022-001 (PDF)
Product Specification PS-54596-006-001 (PDF)	Product Specification PS-54596-023-001 (PDF)
Product Specification PS-54596-007-001 (PDF)	Product Specification PS-55448-001-001 (PDF)
Product Specification PS-54596-018-001 (PDF)	Product Specification PS-55482-006-001 (PDF)
Product Specification PS-54596-019-001 (PDF)	RoHS Certificate of Compliance (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	800753280809

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
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	126.600/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

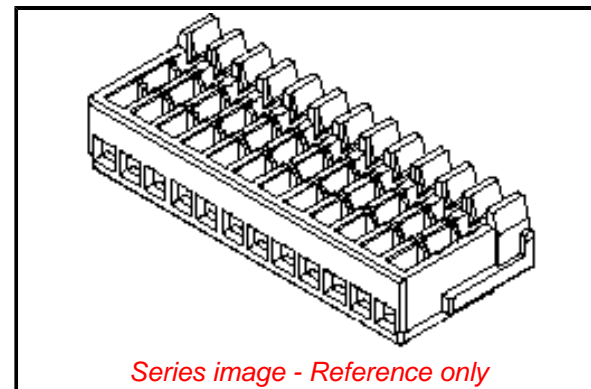
Electrical

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, PS-54596-019-001, PS-54596-020-001,
-----------------------	-------------------------------------------------------------------------------------------------------------------



Series image - Reference only

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-54596-021-001, PS-54596-022-001,
PS-54596-023-001, PS-55448-001-001,
PS-55482-006-001
SD-54596-004

This document was generated on 02/16/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION