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Part Number: **0545960610**
Status: **Active**
Overview: Mini Mi II™ Wire Harness
Description: Mini Mi II™ Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 6 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	<u>54596</u>
Crimp Quality Equipment	Yes
Overview	<u>Mini Mi II™ Wire Harness</u>
Product Name	Mini Mi II™
UPC	800753280823

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
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	183.100/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

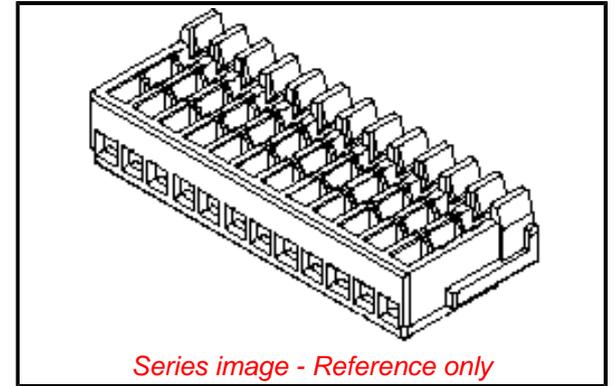
Electrical

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, PS-54596-019-001, PS-54596-020-001, PS-54596-021-001, PS-54596-022-001,
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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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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	<u>0621009800</u>
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Japan

Description

Product #

Sales Drawing

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

Fully-Automated IDT Machine (XELOM-PLUS)	<u>0578008400</u>
Hand Crimper	<u>0578345000</u>
Fully-Automated IDT Machine (XELOM-PLUS)	<u>0578008300</u>
IDT Bench-Top Terminator	<u>0578277100</u>

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