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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](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	IDT and Solder Connectors
Series	<u>54596</u>
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	<u>Mini Mi II™ Wire Harness</u>
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

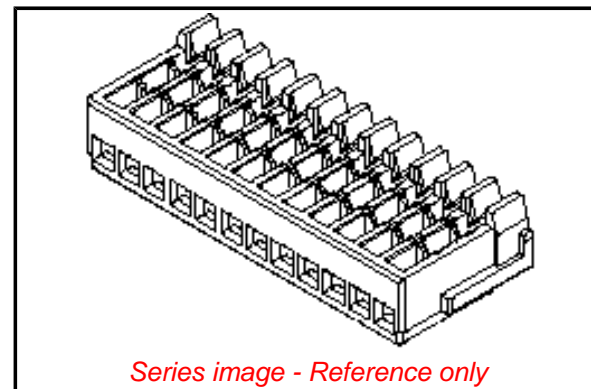
Electrical

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

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-54596-004
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Series image - Reference only

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

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	<u>0621009800</u>

Japan

Description	Product #
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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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