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Part Number: [0545962010](#)
Status: **Active**
Overview: Mini Mi II™ Wire Harness
Description: Mini Mi II™ Wire-to-Board Receptacle Housing Assembly, 1.25mm Pitch, Single Row, 20 Circuits

Documents:

3D Model	Product Specification PS-54596-021 (PDF)
Drawing (PDF)	Product Specification PS-54596-022 (PDF)
Product Specification PS-54596-005 (PDF)	Product Specification PS-54596-023 (PDF)
Product Specification PS-54596-006 (PDF)	Product Specification PS-55448-001 (PDF)
Product Specification PS-54596-007 (PDF)	Product Specification PS-55482-006 (PDF)
Product Specification PS-54596-018 (PDF)	Product Specification PS-55659-005 (PDF)
Product Specification PS-54596-019 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-54596-020 (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	800753280977

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
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	578.600/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

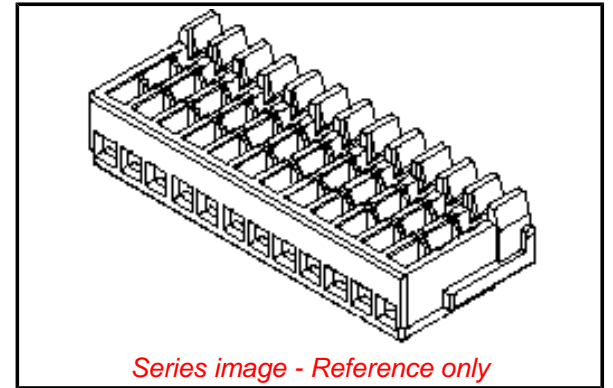
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-54596-005, PS-54596-006, PS-54596-007, PS-54596-018, PS-54596-019, PS-54596-020,
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(17, December 2014): No

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	0621009800
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Japan

Description

Product #

IDT Bench-Top Terminator	0578277100
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Sales Drawing

PS-54596-021, PS-54596-022, PS-54596-023,
PS-55448-001, PS-55482-006, PS-55659-005,
RPS-54596-012, RPS-54596-013, RPS-54596-014,
RPS-54596-016, RPS-54596-017, RPS-54596-022,
RPS-54596-023, RPS-54596-024, RPS-54596-025,
RPS-54596-026, RPS-54596-027, RPS-55448-004
SD-54596-004

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

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