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Part Number: 54596-0710

Status: Active

Overview: Mini Mi II™ Wire Harness

Description: MINI MI2 REC. ASSY (SN)

Documents:

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

Series image - Reference only

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	800753280830

Physical

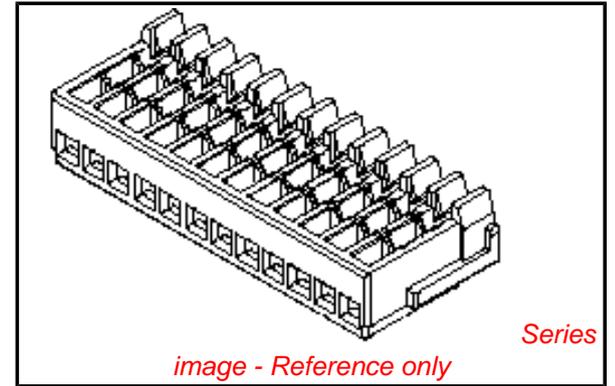|	
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Natural
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	211.300/mg
Number of Rows	1
Packaging Type	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, PS-54596-021, PS-54596-022, PS-54596-023,

EU RoHS   **China RoHS**

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
54596Series

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

Japan

Description	Product #
Fully-Automated IDT Machine (XELOM-PLUS)	0578008300
Fully-Automated IDT Machine (XELOM-PLUS)	0578008400

Sales Drawing

PS-55448-001, PS-55482-006, 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

| IDT Bench-Top Terminator | 0578277100 |
| Hand Crimper | 0578345000 |

This document was generated on 10/06/2014
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