

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [54596-1310](#)
Status: **Active**
Overview: Mini Mi II™ Wire Harness
Description: MINI MI2 REC. ASSY (SN)

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51405-008 \(PDF\)](#)
[Product Specification PS-54596-005 \(PDF\)](#)
[Product Specification PS-54596-006 \(PDF\)](#)
[Product Specification PS-54596-007 \(PDF\)](#)
[Product Specification PS-54596-018 \(PDF\)](#)
[Product Specification PS-54596-019 \(PDF\)](#)
- [Product Specification PS-54596-020 \(PDF\)](#)
[Product Specification PS-54596-021 \(PDF\)](#)
[Product Specification PS-54596-022 \(PDF\)](#)
[Product Specification PS-54596-023 \(PDF\)](#)
[Product Specification PS-55448-001 \(PDF\)](#)
[Product Specification PS-55482-006 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	IDT and Solder Connectors
Series	54596
Crimp Quality Equipment	Yes
Overview	Mini Mi II™ Wire Harness
Product Name	Mini Mi II™
UPC	800753280892

Physical

Circuits (Loaded)	13
Circuits (maximum)	13
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	380.800/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

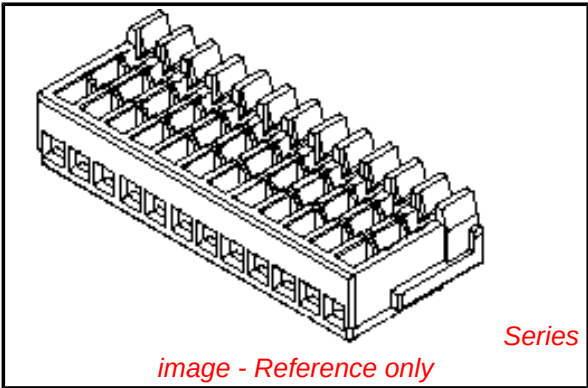
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-51405-008, PS-54596-005, PS-54596-006, PS-54596-007, PS-54596-018, PS-54596-019, PS-54596-020, PS-54596-021, PS-54596-022,
-----------------------	---



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



**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 #
Hand Crimper	0578345000
Fully-Automated IDT Machine (XELOM- PLUS)	0578008400

Sales Drawing

PS-54596-023, 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

Fully-Automated IDT 0578008300
Machine (XELOM-
PLUS)
IDT Bench-Top 0578277100
Terminator

This document was generated on 12/17/2014
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION