

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

54596-0410

Status:

Active

Overview:

Mini Mi II™

Description:

MINI MI2 REC. ASSY (SN)

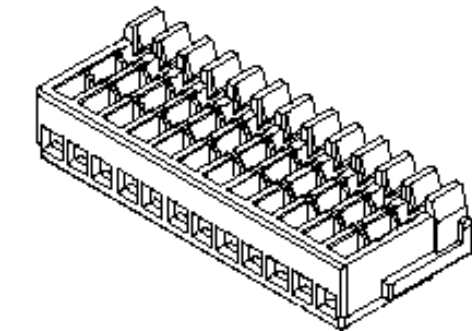


image - Reference only

Series

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)

General

Product Family	IDT and Solder Connectors
Series	54596
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	Mini Mi II™
Product Name	Mini Mi II™

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
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

UPC	800753280809
-----	--------------

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, PS-55448-001, PS-55482-006, RPS-54596-012,
-----------------------	--

EU RoHS

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

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

Sales Drawing

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 Machine (XELOM-PLUS)	<u>0578008400</u>
Hand Crimper	<u>0578345000</u>

This document was generated on 06/21/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION