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Part Number: [0545960610](#)
Status: **Active**
Description: MINI MI2 REC. ASSY (SN)

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[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-54769-004 \(PDF\)](#)
[Product Specification PS-55448-001 \(PDF\)](#)
[Product Specification PS-55482-006 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Crimp Quality Equipment

Product Name

IDT and Solder Connectors

[54596](#)

Yes

Mini Mi II™

Physical

Circuits (Loaded)

Color - Resin

Gender

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Stackable

Temperature Range - Operating

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

6

Natural

Female

No

None

Phosphor Bronze

Tin

Tin

Nylon

1

Bag

No

0.049 In

1.25 mm

36

0.90

36

0.90

No

-40°C to +105°C

IDT or Pierce

0.80-0.90mm (.031-.035")

26, 28

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.5A

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, PS-54769-004, PS-55448-001, PS-55482-006, RPS-54596-012, RPS-54596-013, RPS-54596-014,

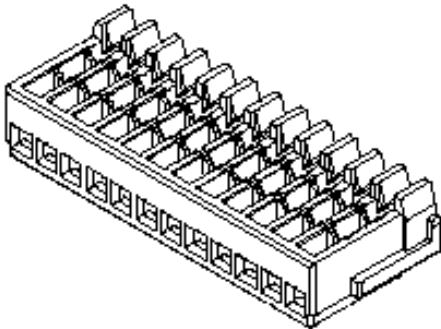


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

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.*

Japan

Description	Product #
IDT Bench-Top Terminator for Mini Mi II™	0578277100
Hand Crimper	0578345000
Fully-Automated IDT Machine (XELOM-PLUS)	0578008300

Sales Drawing

RPS-54596-016, RPS-54596-017, RPS-54596-022,
RPS-54596-023, RPS-54596-024, RPS-54596-025,
RPS-54596-026, RPS-54966-004, RPS-55448-004
SD-54596-004

Fully-Automated IDT 0578008400
Machine (XELOM-
PLUS)

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