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Part Number: [54596-0810](#)
Status: **Active**
Overview: [Mini Mi II™](#)
Description: MINI MI2 REC. ASSY (SN)

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-54849-004 (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)
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™
Product Name	Mini Mi II™

Physical

Circuits (Loaded)	8
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
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, PS-54849-004, PS-55448-001, PS-55482-006, RPS-54596-012, RPS-54596-013, RPS-54596-014, RPS-54596-016, RPS-54596-017, RPS-54596-022,
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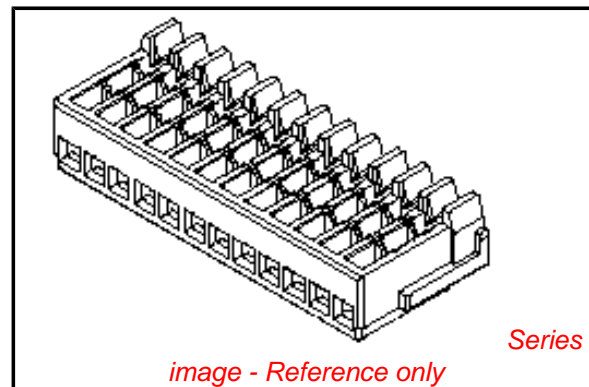


image - Reference only

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 #
IDT Bench-Top Terminator	0578267000
IDT Bench-Top Terminator	0578277100

Sales Drawing

RPS-54596-023, RPS-54596-024, RPS-54596-025,
RPS-54596-026, RPS-54596-027, RPS-54849-001,
RPS-54966-005, RPS-55448-004
SD-54596-004

Fully-Automated IDT 0578008300
Machine (XELOM-
PLUS)
Fully-Automated IDT 0578008400
Machine (XELOM-
PLUS)
Hand Crimper 0578345000

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