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Part Number: [55450-1669](#)
Status: **Active**
Description: 1.25mm Pitch Mi II™ System Wire-to-Board Header, Surface Mount, Single Row, Vertical, 16 Circuits, without Plastic Peg, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-54596-022 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55450
Application	Signal, Wire-to-Board
Product Name	Mini Mi II™
UPC	822348868797

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	8.40mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	658.200/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Polarized to Mating Part	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

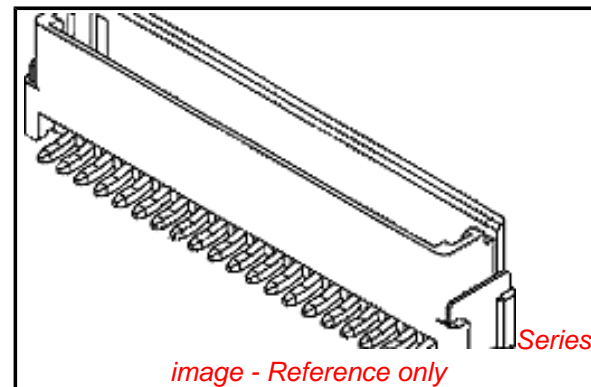
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-54596-022, RPS-54596-025, RPS-54596-026
Sales Drawing	SD-55450-010, SD-55450-011



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](#)

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Search Parts in this Series

[55450Series](#)

Mates With

[54596 IDT Receptacle Housing](#)

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