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**Part Number:** [0554501669](#)  
**Status:** **Active**  
**Description:** 1.25mm Pitch Mi II System Wire-to-Board Header, Surface Mount, Single Row, Vertical, 16 Circuits, without Plastic Peg

**Documents:**

[3D Model](#) [Product Specification PS-54596-022-001 \(PDF\)](#)  
[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 Capable 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° to +105°C  
 Termination Interface: Style Surface Mount

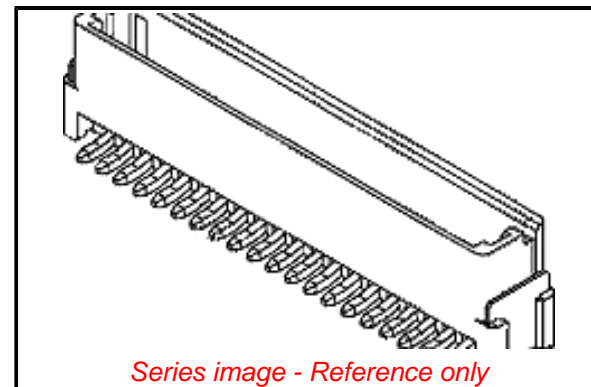
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-54596-022-001  
 Sales Drawing SD-55450-010, SD-55450-011



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[55450](#) Series

**Mates With**

[54596](#) IDT Receptacle Housing

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