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**Part Number:** [0554502069](#)  
**Status:** **Active**  
**Description:** 1.25mm Pitch Mi II™ System Wire-to-Board Header, Surface Mount, Single Row, Vertical, without Plastic Peg, 20 Circuits

**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  
MolexKits Yes  
Product Name Mini Mi II™  
UPC 822348868759

**Physical**

Breakaway No  
Circuits (Loaded) 20  
Circuits (maximum) 20  
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  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 798.800/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  
Polarized to PCB Yes  
Shrouded Closed Ends  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Surface Mount

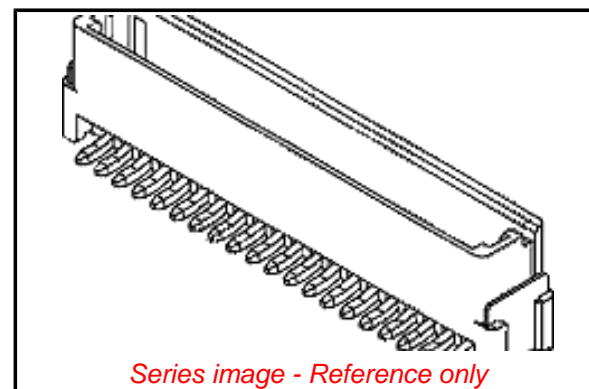
**Electrical**

Current - Maximum per Contact 1.5A, 1.0A  
Voltage - Maximum 100V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-54596-022, RPS-54596-025, RPS-54596-026  
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/39/2015 (15 June  
2015)

**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

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[55450](#) Series

**Mates With**

[54596](#) IDT Receptacle Housing

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