

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [55456-0559](#)  
**Status:** **Active**  
**Description:** 1.25mm Pitch Mi II™ System Wire-to-Board Header, Single Row, Right Angle, Surface Mount, 5 Circuits, with Plastic Peg, Lead-Free

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

**Agency Certification**  
UL E29179

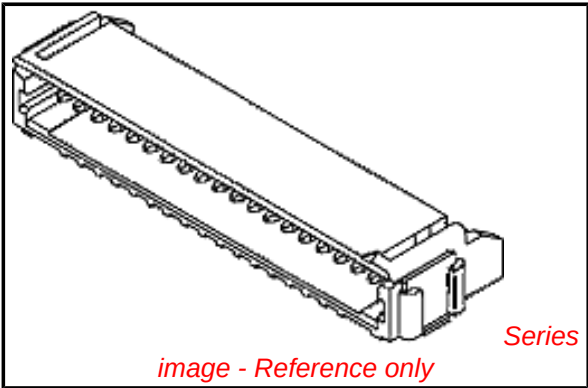
**General**  
Product Family PCB Headers  
Series [55456](#)  
Application Signal, Wire-to-Board  
Product Name Mini Mi II™  
UPC 822348869596

**Physical**  
Breakaway No  
Circuits (Loaded) 5  
Circuits (maximum) 5  
Color - Resin Natural  
Durability (mating cycles max) 30  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Mated Height 4.50mm  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Nylon  
Net Weight 298.400/mg  
Number of Rows 1  
Orientation Right Angle  
PCB Locator Yes  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 1.25mm  
Pitch - Termination Interface 1.25mm  
Polarized to Mating Part Yes  
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 AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**  
Product Specification PS-54596-022, RPS-54596-025, RPS-54596-026  
Sales Drawing SD-55456-010, SD-55456-011



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**



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

Email [productcompliance@molex.com](mailto: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**  
[55456Series](#)

**Mates With**  
[54596](#) IDT Receptacle Housing

This document was generated on 09/10/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[55456-0559](#)