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**Part Number:** [0554600872](#)  
**Status:** **Active**  
**Description:** 2.00mm Pitch Mi II™ System Wire-to-Board Header, Surface Mount, Single Row, Vertical, 8 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-52484-022-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51090-017-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [55460](#)  
 Application Signal, Wire-to-Board  
 Product Name Mi II™  
 UPC 822348188833

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 608.900/mg  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 2.00mm  
 Shrouded Fully  
 Stackable No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Surface Mount

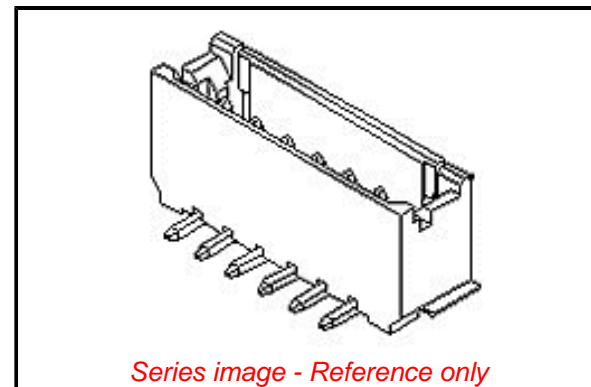
**Electrical**

Current - Maximum per Contact 1.5A  
 Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51090-017-001, PS-52484-022-001  
 Sales Drawing SD-55460-010, SD-55460-011



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[55460](#) Series

**Mates With**

[52484](#) IDT Receptacle Housing, [51090](#) Wire-to-Board Receptacle

This document was generated on 05/01/2017

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