

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [53313-2465](#)  
**Status:** **Active**  
**Description:** 2.00mm Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, Lead-Free, 24 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51160-006 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-52478-002 (PDF)</a>
<a href="#">Product Specification PS-51089-005 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

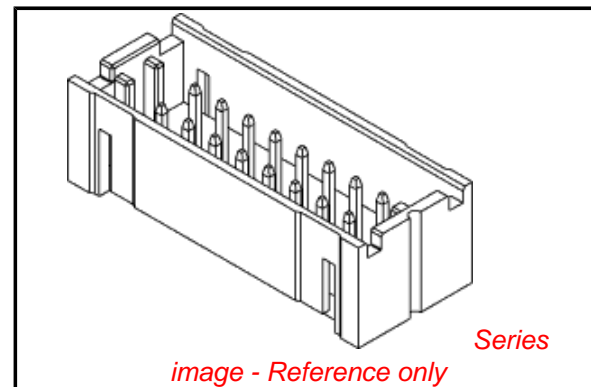
**General**

Product Family	PCB Headers
Series	<a href="#">53313</a>
Application	Signal, Wire-to-Board
Product Name	Mi II™
UPC	756054796962

**Physical**

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Gray
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	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1196.000/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**



**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](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**

[53313Series](#)

**Mates With**

Wire-to-Board IDT Receptacle [52478](#) ,  
[52484](#) , [51089](#) Crimp Terminal

Current - Maximum per Contact  
Voltage - Maximum

2A  
125V

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-51089-005, PS-51160-006, PS-52478-002,  
RPS-51160-005

Sales Drawing

SD-53313-002

This document was generated on 09/06/2012

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