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**Part Number:** [0533131265](#)  
**Status:** **Active**  
**Description:** 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, Lead-free, 12 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**

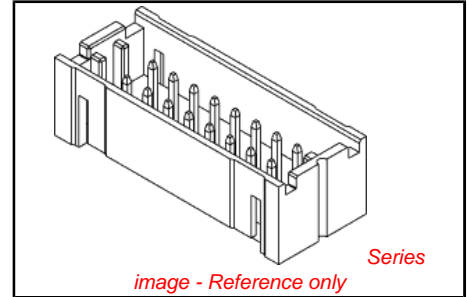
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	53313
Application	Wire-to-Board
Product Name	Mi II™

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C



**EU RoHS**  
**ELV and RoHS**  
**Compliant**

**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**

**Not Halogen-Free**

**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.

**China RoHS**



**Search Parts in this Series**  
53313Series

**Mates With**  
Wire-to-Board IDT Receptacle 52478 ,  
52484, 51089 Crimp Terminal

Termination Interface: Style

Through Hole

**Electrical**

Current - Maximum per Contact

2A

Voltage - Maximum

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

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