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Part Number: [53313-1065](#)
Status: **Active**
Description: 2.00mm Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, Lead-Free, 10 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51160-006 (PDF) |
| Drawing (PDF) | Product Specification PS-52478-002 (PDF) |
| Product Specification PS-51089-005 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

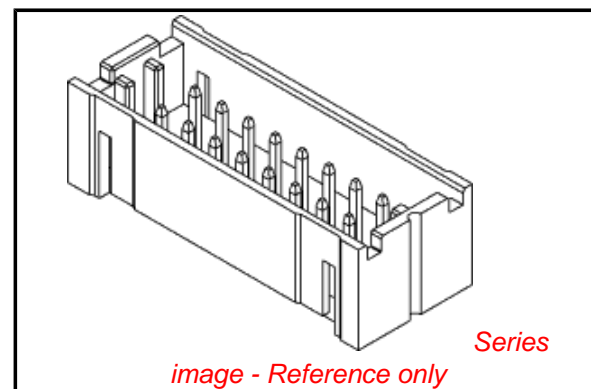
General

| | |
|----------------|-----------------------|
| Product Family | PCB Headers |
| Series | 53313 |
| Application | Signal, Wire-to-Board |
| Product Name | Mi II™ |
| UPC | 756054796894 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 | 587.800/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
 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

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