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Part Number: [53313-0865](#)
Status: **Active**
Description: 2.00mm Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, Lead-Free, 8 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

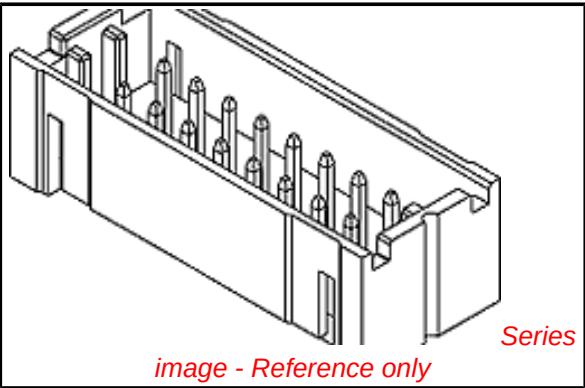
General

Product Family PCB Headers
Series [53313](#)
Application Signal, Wire-to-Board
Product Name Mi II™
UPC 756054796887

Physical

Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
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 500.900/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 Reviewed



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	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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