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Part Number: [53313-1865](#)
Status: **Active**
Description: 2.00mm Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, Lead-Free, 18 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	756054796931

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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	935.300/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

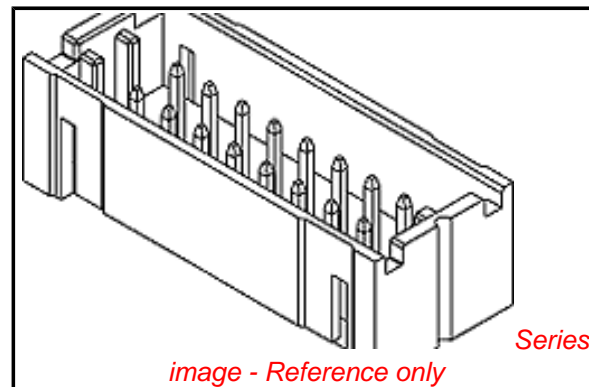


image - Reference only

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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