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Part Number: **0533131865**
Status: **Active**
Description: 2.00mm Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, 18 Circuits

Documents:

3D Model	Product Specification PS-51160-006-001 (PDF)
Drawing (PDF)	Product Specification PS-52478-002-001 (PDF)
Product Specification PS-51089-005-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

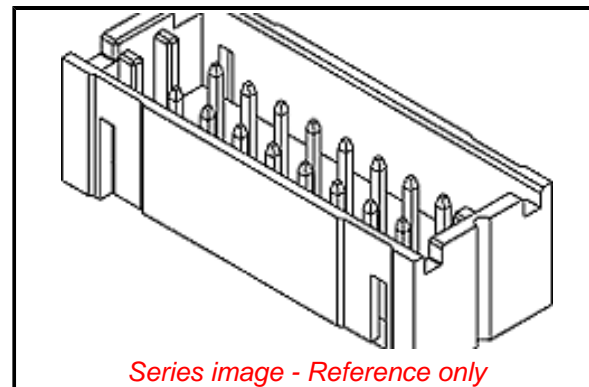
Product Family	PCB Headers
Series	53313
Application	Signal, Wire-to-Board
Product Name	Mi II™
UPC	756054796931

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

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[53313 Series](#)

Mates With

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

Material Info

Reference - Drawing Numbers

Product Specification

PS-51089-005-001, PS-51160-006-001,
PS-52478-002-001
SD-53313-002

Sales Drawing

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