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Part Number: [55454-1870](#)
Status: **Active**
Overview: [Mini Mi II™](#)
Description: 1.25mm Pitch Mi II™ System Wire-to-Board Header, Single Row, Right Angle, Lead-Free, 18 Circuits

Documents:

[3D Model](#) [Product Specification PS-54596-018 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55454
Application	Signal, Wire-to-Board
Overview	Mini Mi II™
Product Name	Mini Mi II™
UPC	756054761113

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	767.300/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

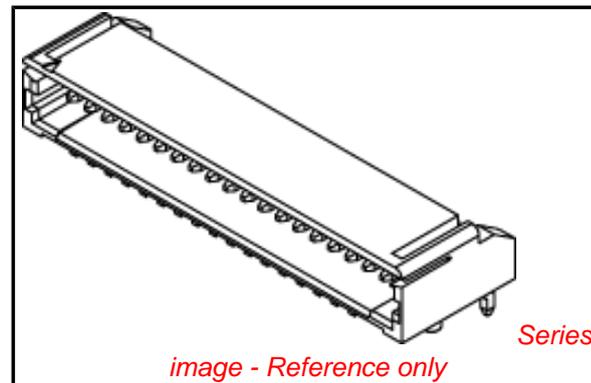
Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Product Specification	PS-54596-018, RPS-54596-024, RPS-54596-027
Sales Drawing	SD-55454-007



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen**

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

[55454Series](#)

Mates With

[51336](#) PBT Polyester, Glass-filled Housing,
[54596](#) PA Polyamide Housing

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