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Part Number: [55447-1270](#)
Status: **Active**
Description: 1.25mm Pitch Mi II™ System Wire-to-Board Header, Single Row, Vertical, with Positive Lock, 12 Circuits

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

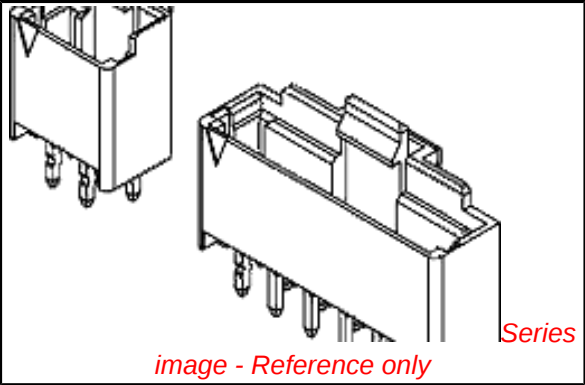
General
Product Family PCB Headers
Series [55447](#)
Application Signal, Wire-to-Board
Product Name Mini Mi II™
UPC 756054760550

Physical
Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
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
Material - Resin Nylon
Net Weight 986.800/mg
Number of Rows 1
Orientation Vertical
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-55447-010



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



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
[55447Series](#)

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

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