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Part Number: [85009-0048](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Male Style M, Right Angle, Through Hole, 0.6μ Selective Gold (Au), 42 Circuits

Documents:
[3D Model](#) [Product Specification PS-85003-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85009](#)
Application Backplane
Comments Mixed Layout
Component Type PCB Header
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style M
UPC 800753874169

Physical

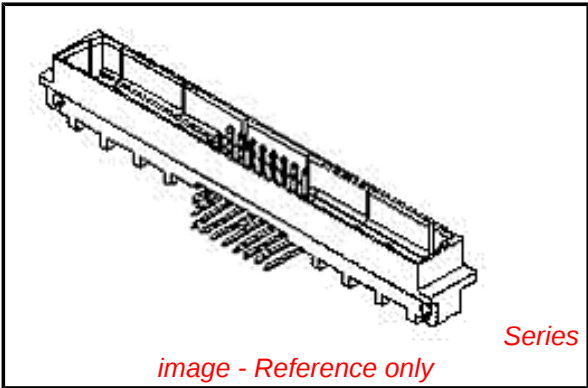
Circuits (Loaded) 48
Circuits (maximum) 48
Circuits Detail 42 + 6
Durability (mating cycles max) 400
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Plating Mating Gold
Net Weight 10.897/g
Number of Columns 14
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Right Angle
PC Tail Length 3.00mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Temperature Range - Operating -55°C to +125°C

Electrical

Current - Maximum per Contact 1.5A
Data Rate 622.0 Mbps
Voltage - Maximum 250V AC (RMS)

Material Info

Reference - Drawing Numbers



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
[85009Series](#)

Mates With
DIN 41612/IEC 603-2 Mixed Layout Connector [85048](#) , [85056](#)

Use With
[85023](#) DIN 41612 Coaxial Contact

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