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Part Number: [85017-0359](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M(Hybrid type), Inverse Press-Fit, 1µm Gold (Au) Selective, 48 Circuits, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-85013-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

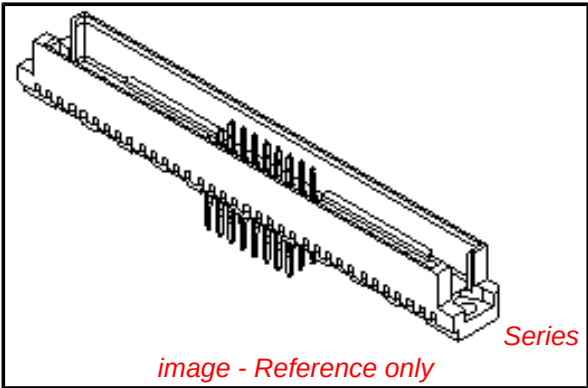
CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85017](#)
Application Backplane
Comments Mixed Layout
Component Type PCB Header
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style M
UPC 800753856349

Physical

Circuits (Loaded) 48
Circuits (maximum) 48
Circuits Detail 42 SignAl , 6 Power
Color - Resin Gray
Durability (mating cycles max) 500
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Resin Polyester
Net Weight 9.580/g
Number of Columns 16
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Vertical
PC Tail Length 5.80mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Polarized to PCB No
Stackable Yes
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole - Compliant Pin



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
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
[85017Series](#)

Mates With
85048 Straight Female Style M Receptacle.
85056 Straight Female Style M "inverse" Receptacle

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

Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-85013-0002
Sales Drawing	603-6093-24, SD-85017-004

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