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Part Number: [85017-0115](#)
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, 0.60µm Gold (Au) Selective, 64 Circuits , Lead-Free

Documents:

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

Agency Certification

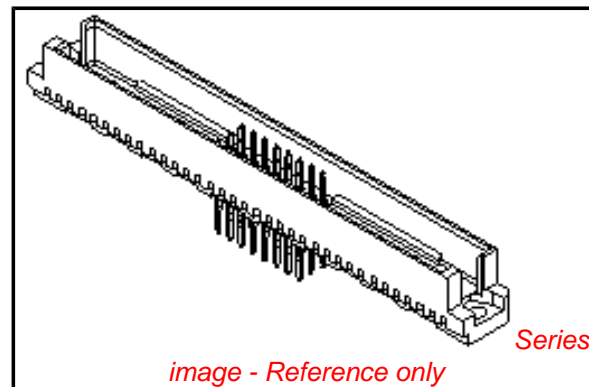
CSA LR19980
 UL E29179

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 800753874916

Physical

Circuits (Loaded) 64
 Circuits (maximum) 64
 Circuits Detail 60 SignAl , 4 Power
 Color - Resin Gray
 Durability (mating cycles max) 400
 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 - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 10.634/g
 Number of Columns 20
 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
 Plating min - Mating 0.610µm
 Plating min - Termination 0.406µm
 Polarized to PCB No
 Stackable Yes
 Surface Mount Compatible (SMC) No



EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No
 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](#)

Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole - Compliant Pin

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 603-6093-23, SD-85017-003

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