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Part Number: [0850170220](#)
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, 32 Circuits, Lead-Free

Documents:

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

Agency Certification

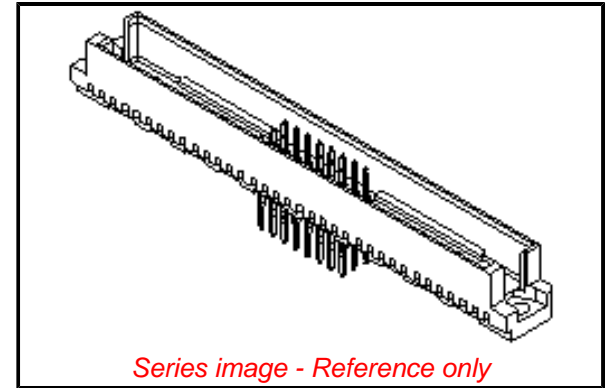
CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85017](#)
 Application Backplane
 Comments Mixed Layout, Mixed Layout
 Component Type PCB Header
 Overview [DIN 41612](#)
 Product Name IEC 603-2/DIN 41612
 Style M
 UPC 800753856325

Physical

Circuits (Loaded) 32
 Circuits (maximum) 32
 Circuits Detail 24 SignAl , 8 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 7.722/g
 Number of Columns 8
 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
 Temperature Range - Operating -55° to +125°C



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[85017](#) Series

Mates With

[85048](#) Straight Female Style M Receptacle.
[85056](#) Straight Female Style M "inverse"
 Receptacle

Use With

[85023](#) DIN 41612 Coaxial Contact

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1.5A

Data Rate

622.0 Mbps

Voltage - Maximum

250V AC (RMS)

Solder Process Data

Lead-free Process Capability

N/A

Material Info

Reference - Drawing Numbers

Product Specification

PS-85013-0002

Sales Drawing

603-6093-25, SD-85017-005

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