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Part Number: [0850560048](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Female Style M Inverse, 60 Circuits, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

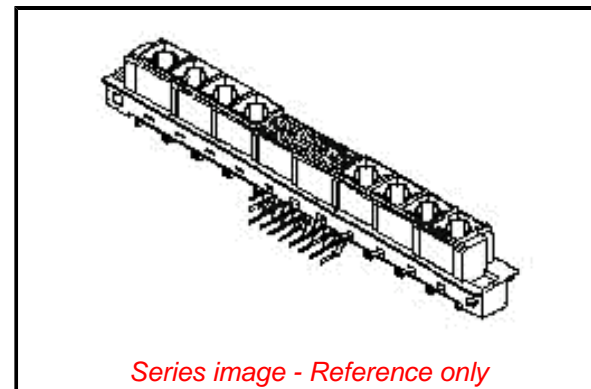
Product Family Backplane Connectors
 Series [85056](#)
 Application Backplane
 Component Type PCB Receptacle
 Overview [DIN 41612](#)
 Product Name IEC 603-2/DIN 41612
 Style M
 UPC 800753858190

Physical

Circuits (Loaded) 60
 Circuits (maximum) 64
 Circuits Detail Standard Contacts at: A:a7-a26; B:b7-b26; C:c7-c26
 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
 Material - Plating Termination Tin
 Net Weight 12.596/g
 Number of Columns 20
 Number of Pairs Open Pin Field
 Number of Rows 3
 Orientation Right Angle
 PC Tail Length 2.80mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm, 3.20mm
 Packaging Type Tray
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 0.610µm
 Polarized to PCB Yes
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55° to +125°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2.5A
 Data Rate 622.0 Mbps



Series image - Reference only

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

[85056](#) Series

Mates With

DIN 41612/EIC 603-2 Mixed Layout
 Connectors [85009](#) , [85017](#)

Use With

[85022](#) DIN 41612 High Current Contact

| | |
|------------------------------------|------------------------------|
| Real Signals (per 25mm) | 30 |
| Voltage - Maximum | 250V AC (RMS) |
| Solder Process Data | |
| Lead-free Process Capability | N/A |
| Material Info | |
| Reference - Drawing Numbers | |
| Sales Drawing | SD-85056-0002, SD-85056-0048 |

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[09185107324800](#) [102A10019X](#)