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Part Number: [85056-0024](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Female Style M Inverse, 42 Circuits, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
UL E29179

General

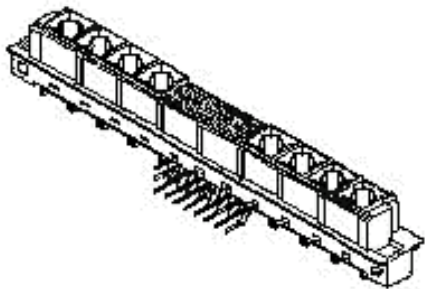
Product Family Backplane Connectors
Series [85056](#)
Application Backplane
Component Type PCB Receptacle
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style M
UPC 800753858183

Physical

Circuits (Loaded) 42
Circuits (maximum) 48
Circuits Detail Standard Contacts at: A:a10-a23; B:b10-b23; C:c10-c23
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 11.142/g
Number of Columns 14
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°C to +125°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2.5A



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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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

[85056Series](#)

Mates With

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

Use With

[85022](#) DIN 41612 High Current Contact

Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-85056-0003, SD-85056-0024
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