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Part Number: [0850560024](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") 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

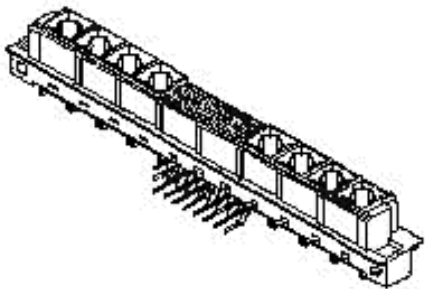
CSA LR19980
UL E29179

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

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
Number of Columns 14
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Right Angle
PC Tail Length (in) 0.110 In
PC Tail Length (mm) 2.80 mm
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.063 In, 0.126 In
PCB Thickness Recommended (mm) 1.60 mm, 3.20 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Pitch - Term. Interface (in) 0.100 In
Pitch - Term. Interface (mm) 2.54 mm
Plating min: Mating (µin) 24
Plating min: Mating (µm) 0.60
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

Electrical

Current - Maximum per Contact	2.5A
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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