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**Part Number:** [85056-0232](#)  
**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**

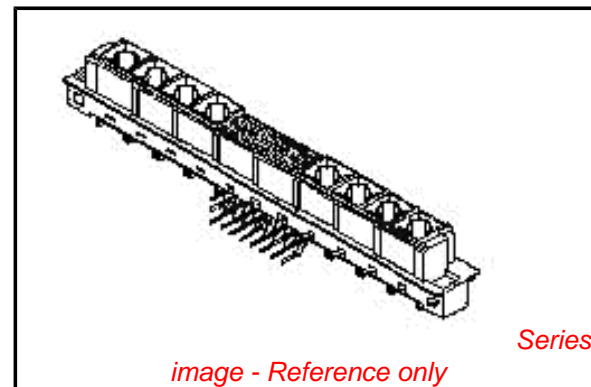
Product Family Backplane Connectors  
 Series [85056](#)  
 Application Backplane  
 Component Type PCB Receptacle  
 Overview [DIN 41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style M  
 UPC 800753858244

**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) 500  
 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 11.268/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 1.016µm  
 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



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No  
 Low-Halogen Status  
 Not Low-Halogen**

**China RoHS**



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 environmental compliance?**

Email [productcompliance@molex.com](mailto: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-85056-0232
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