

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0850560024](#)  
**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**

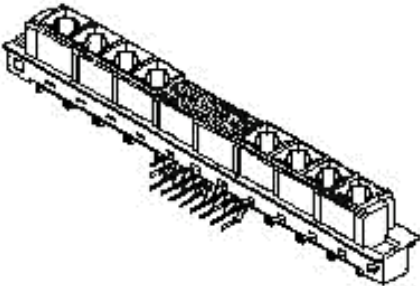
Product Family Backplane Connectors  
Series [85056](#)  
Application Backplane  
Component Type PCB Receptacle  
Overview [DIN 41612](#)  
Product Name IEC 603-2/DIN 41612  
Style M  
UPC 800753858183

**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° 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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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)                |
| <b>Solder Process Data</b>         |                              |
| Lead-freeProcess Capability        | N/A                          |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Sales Drawing                      | SD-85056-0003, SD-85056-0024 |

This document was generated on 09/03/2019

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[85056-0024](#)