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Part Number: [0850560103](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Female Style M Inverse, 78 Circuits, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

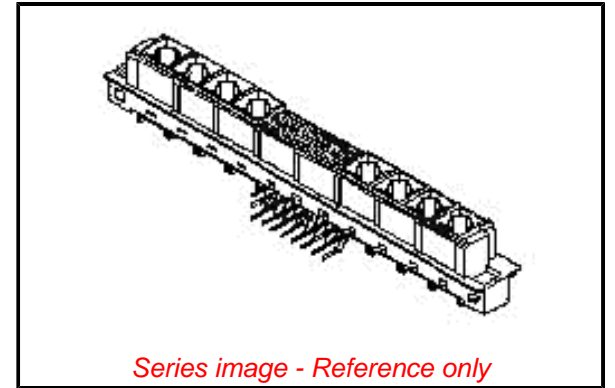
Product Family Backplane Connectors
 Series [85056](#)
 Application Backplane
 Component Type PCB Receptacle
 Overview [DIN 41612](#)
 Product Name IEC 603-2/DIN 41612
 Style M
 UPC 800753858213

Physical

Circuits (Loaded) 78
 Circuits (maximum) 80
 Circuits Detail Standard Contacts at: A:a4-a29; B:b4-b29; C:c4-c29
 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 14.183/g
 Number of Columns 26
 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° to +125°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2.5A
 Data Rate 622.0 Mbps



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-85056-0001, SD-85056-0103

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[122A13359X](#) [1377391-4](#) [DIN-048CPC-SR1-MH](#) [1393583-2](#) [1393726-7](#) [140X10129X](#) [143-1913-000](#) [143-1908-000](#) [1484472-1](#) [2110070-1](#)
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