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Part Number: [0850481586](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 52 Circuits

Documents:

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

Agency Certification

CSA LR19980
UL E29179

General

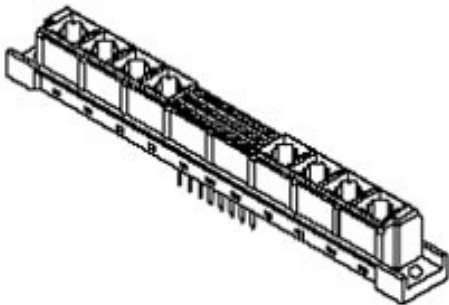
Product Family Backplane Connectors
Series [85048](#)
Application Daughtercard
Comments Mixed Layout
Component Type PCB Receptacle
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style M
UPC 800753857698

Physical

Circuits (Loaded) 52
Circuits (maximum) 78
Circuits Detail Rows A & C
Durability (mating cycles max) 500
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Number of Columns 26
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Vertical
PC Tail Length 4.50mm
PCB Locator No
PCB Retention Yes
Packaging Type Carton
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
Data Rate 622.0 Mbps
Voltage - Maximum 250V AC (RMS)



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[85048](#) Series

Mates With

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

Material Info

Engineering Number	85048-1856
Reference - Drawing Numbers	
Sales Drawing	SD-85048-0001, SD-85048-1586

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