

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [85048-1275](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 32 Circuits, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
UL E29179

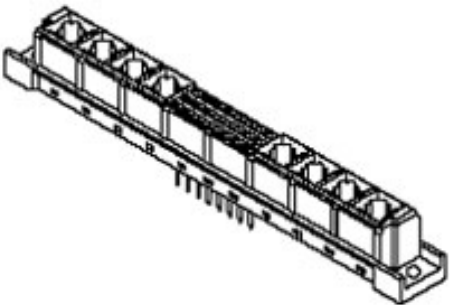
General

Product Family Backplane Connectors
Series [85048](#)
Application Backplane
Comments Mixed Layout
Component Type PCB Receptacle
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style M
UPC 800753857612

Physical

Circuits (Loaded) 32
Circuits (maximum) 32
Circuits Detail Rows A, B, & 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
Net Weight 8.890/g
Number of Columns 8
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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



**Need more information on product
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

[85048Series](#)

Mates With

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

Use With

[85022](#) DIN 41612 High Current Contact

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-85048-0004, SD-85048-1275
---------------	------------------------------

This document was generated on 07/02/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION