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Part Number: [0850400012](#)
Status: **Active**
Overview: [IEC 603-2 / DIN 41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Receptacle, Style B/2, 32 Circuits, Lead free

Documents:

[3D Model](#) [Product Specification PS-85042-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

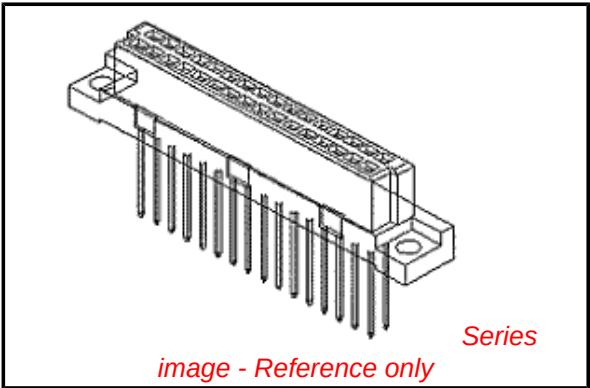
Product Family Backplane Connectors
Series [85040](#)
Application Daughtercard
Comments No Mounting Clips. No Flux Proof
Component Type PCB Receptacle
Overview [IEC 603-2 / DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style B/2

Physical

Circuits (Loaded) 32
Circuits (maximum) 32
Circuits Detail Standard Contacts at A:a1-a16; B:b1-b16
Durability (mating cycles max) 400
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Number of Columns 16
Number of Pairs Open Pin Field
Number of Rows 2
Orientation Vertical
PC Tail Length (in) 0.114 In
PC Tail Length (mm) 2.90 mm
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.063 In, 0.157 In
PCB Thickness Recommended (mm) 1.60 mm, 4.00 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Pitch - Term. Interface (in) 0.100 In
Pitch - Term. Interface (mm) 2.54 mm
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

CSA LR19980
Current - Maximum 1A
Data Rate 622.0 Mbps
Real Signals (per 25mm) 20
Shielded No
UL E29179



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Reviewed

**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
[85040Series](#)

Mates With
DIN 41612 Headers [85001](#) , [85011](#)

Voltage - Maximum

250V AC (RMS)

Material Info

Reference - Drawing Numbers

Product Specification

PS-85042-001

Sales Drawing

SDA-85040-0002, SDA-85040-0012

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