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**Part Number:** [0850424294](#)  
**Status:** **Active**  
**Overview:** [DIN 41612](#)  
**Description:** 2.54mm Pitch DIN 41612 Receptacle, Style C/2, 48 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Backplane Connectors  
 Series [85042](#)  
 Application Backplane  
 Component Type PCB Receptacle  
 Overview [DIN 41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style C/2  
 UPC 800753953475

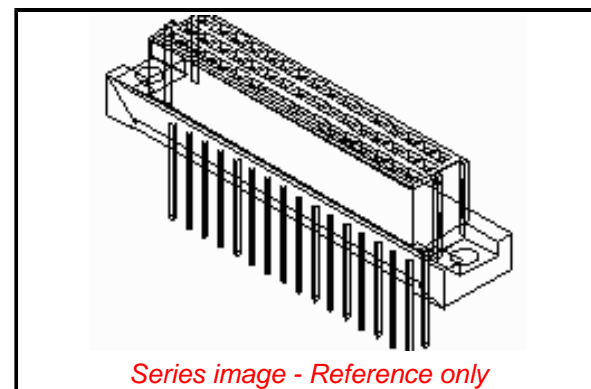
**Physical**

Circuits (Loaded) 48  
 Circuits (maximum) 48  
 Circuits Detail Rows A, B, & C  
 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  
 Net Weight 7.173/g  
 Number of Columns 16  
 Number of Pairs Open Pin Field  
 Number of Rows 3  
 Orientation Vertical  
 PC Tail Length 2.90mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.50mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Polarized to PCB Yes  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55° to +125°C

**Electrical**

Current - Maximum per Contact 1.0A  
 Data Rate 622.0 Mbps  
 Real Signals (per 25mm) 29  
 Shielded No  
 Voltage - Maximum 250V AC (RMS)

**Solder Process Data**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**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**

[85042 Series](#)

**Mates With**

DIN 41612 Headers [85003](#) , [85013](#)

Lead-freeProcess Capability

WAVE

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SD-85042-0002, SD-85042-002, SD-85042-4294

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