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**Part Number:** [0850520311](#)  
**Status:** **Active**  
**Overview:** [din\\_41612](#)  
**Description:** 2.54mm (.100") Pitch DIN 41612 Receptacle, Style R Reverse, 96 Circuits

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

**Agency Certification**

CSA LR19980  
UL E29179

**General**

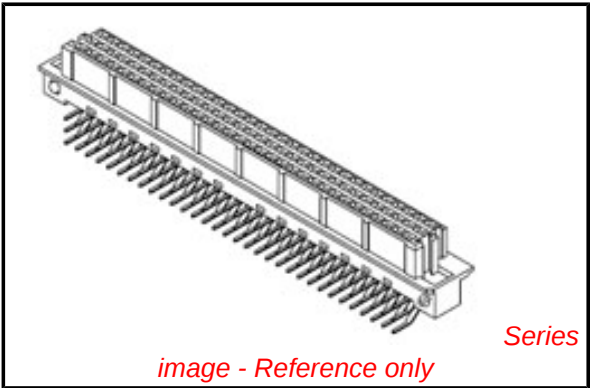
Product Family Backplane Connectors  
Series [85052](#)  
Application Backplane  
Component Type PCB Receptacle  
Overview [din\\_41612](#)  
Product Name IEC 603-2/DIN 41612  
Style R

**Physical**

Circuits (Loaded) 96  
Circuits (maximum) 96  
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 32  
Number of Pairs Open Pin Field  
Number of Rows 3  
Orientation Right Angle  
PC Tail Length (in) 0.110 In  
PC Tail Length (mm) 2.80 mm  
PCB Locator No  
PCB Retention Yes  
PCB Thickness Recommended (in) 0.063 In, 0.126 In  
PCB Thickness Recommended (mm) 1.60 mm, 3.20 mm  
Packaging Type Tray  
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**

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



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free  
Status**  
**Not Reviewed**

**China RoHS**



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environmental compliance?**

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Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[85052Series](#)

**Mates With**  
DIN 41612 Headers [85003](#) , [85013](#)

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SDA-85052-0001, SDA-85052-0311

This document was generated on 05/17/2010

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