

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0850520593](#)  
**Status:** **Active**  
**Overview:** [DIN 41612](#)  
**Description:** 2.54mm Pitch DIN 41612 Receptacle, Style R/2 Reverse, 48 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/2  
 UPC 800753197206

**Physical**

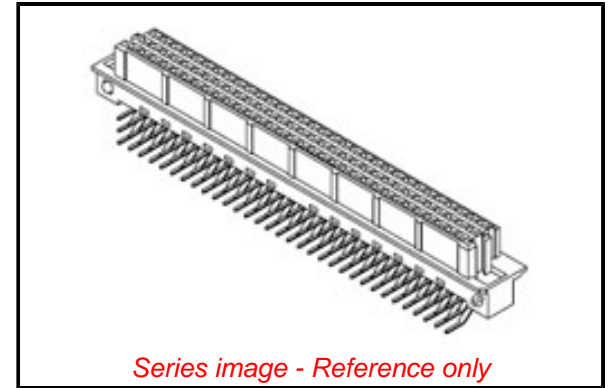
Circuits (Loaded) 48  
 Circuits (maximum) 48  
 Durability (mating cycles max) 500  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part No  
 Keying to Mating Part Yes  
 Material - Plating Mating Gold  
 Net Weight 7.861/g  
 Number of Columns 16  
 Number of Pairs Open Pin Field  
 Number of Rows 3  
 Orientation Right Angle  
 PC Tail Length 2.80mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm, 3.20mm  
 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  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1.0A  
 Data Rate 622.0 Mbps  
 Real Signals (per 25mm) 30  
 Voltage - Maximum 250V AC (RMS)

**Solder Process Data**

Lead-freeProcess Capability N/A



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**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**

[85052](#) Series

**Mates With**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SD-85052-0593, SDA-85052-0002

This document was generated on 09/17/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[85052-0593](#)