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**Part Number:** [0850520165](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 2.54mm (.100") Pitch DIN 41612 Receptacle, Style R/2 Reverse, 48 Circuits

**Documents:**

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

**General**

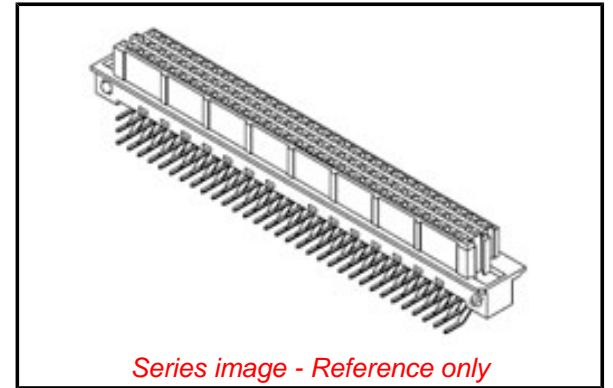
Product Family	Backplane Connectors
Series	85052
Application	Backplane
Component Type	PCB Receptacle
Overview	IEC 603-2 / DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	R/2

**Physical**

Circuits (Loaded)	48
Circuits (maximum)	48
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	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
PCB Thickness Recommended (in)	0.126 In
PCB Thickness Recommended (mm)	1.60 mm
PCB Thickness Recommended (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**

CSA	LR19980
Current - Maximum	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
UL	E29179
Voltage - Maximum	250V AC (RMS)



**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?**

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

**Search Parts in this Series**

[85052 Series](#)

**Mates With**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing  
Sales Drawing

SDA-85052-0002  
SDA-85052-0165

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