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**Part Number:** [0850150311](#)  
**Status:** **Active**  
**Overview:** [din\\_41612](#)  
**Description:** 2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Press-fit Style R, 0.6µm (24µ") Gold (Au), 128 Circuit, Lead Free

**Documents:**

[3D Model](#) [Product Specification PS-85013-0002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

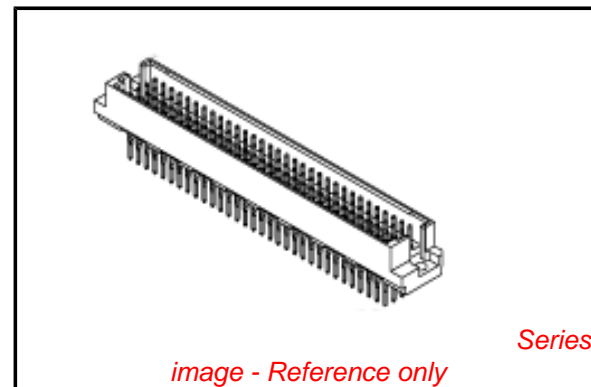
CSA LR19980  
 UL E29179

**General**

Product Family Backplane Connectors  
 Series [85015](#)  
 Application Backplane  
 Comments "R" at Style Represents Vertical Male DIN Connectors  
 Component Type PCB Header  
 Overview [din\\_41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style R

**Physical**

Circuits (Loaded) 128  
 Circuits (maximum) 128  
 Circuits Detail Rows A, B, C & D  
 Color - Resin Gray  
 Durability (mating cycles max) 400  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part No  
 Keying to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Number of Columns 32  
 Number of Pairs Open Pin Field  
 Number of Rows 4  
 Orientation Vertical  
 PC Tail Length (in) 0.228 In  
 PC Tail Length (mm) 5.80 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 Carton  
 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  
 Plating min: Mating (µin) 24  
 Plating min: Mating (µm) 0.6  
 Plating min: Termination (µin) 16



**EU RoHS**

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

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[85015Series](#)

**Mates With**

[85042](#) DIN 41612 Receptacle . [85052](#) DIN 41612 Header

**Use With**

[85089-1081](#) Press-in Tool

Plating min: Termination ( $\mu\text{m}$ )	0.4
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

### **Electrical**

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

### **Material Info**

### **Reference - Drawing Numbers**

Packaging Specification	PK-85015-001
Product Specification	PS-85013-0002
Sales Drawing	SDA-85015-0311

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