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**Part Number:** [0850133304](#)  
**Status:** **Active**  
**Overview:** [DIN 41612](#)  
**Description:** 2.54mm Pitch DIN 41612 Header, Through Hole, Vertical, Style R, 1µm Selective Gold (Au), 71 Circuits, Lead-Free

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

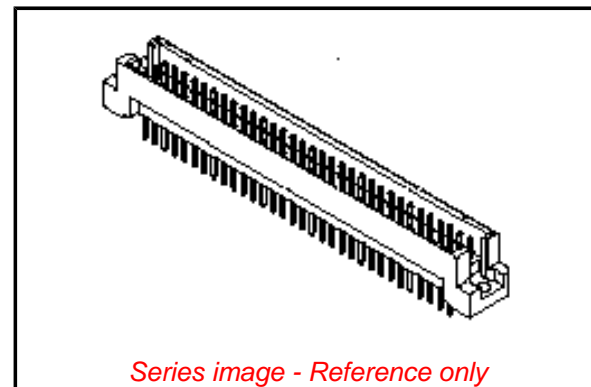
**General**

Product Family Backplane Connectors  
 Series [85013](#)  
 Application Backplane  
 Component Type PCB Header  
 Overview [DIN 41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style R  
 UPC 800753238886

**Physical**

Circuits (Loaded) 71  
 Circuits (maximum) 96  
 Circuits Detail Rows A, B, & C  
 Color - Resin Gray  
 Durability (mating cycles max) 500  
 First Mate / Last Break Yes  
 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  
 Net Weight 10.654/g  
 Number of Columns 32  
 Number of Pairs Open Pin Field  
 Number of Rows 3  
 Orientation Vertical  
 PC Tail Length 2.00mm  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 0.610µm  
 Plating min - Termination 0.406µm  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55°C to +125°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[85013 Series](#)

**Mates With**

[85052 Receptacle](#)

Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)

**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-85013-0002
Sales Drawing	SDA-85013-3304

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