

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

**Part Number:** [0850132036](#)  
**Status:** **Active**  
**Overview:** DIN 41612  
**Description:** 2.54mm Pitch DIN 41612 Header, Through Hole, Vertical, Style R/2 Reverse, 1µm Selective Gold (Au), 48 Circuits, Lead-Free

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

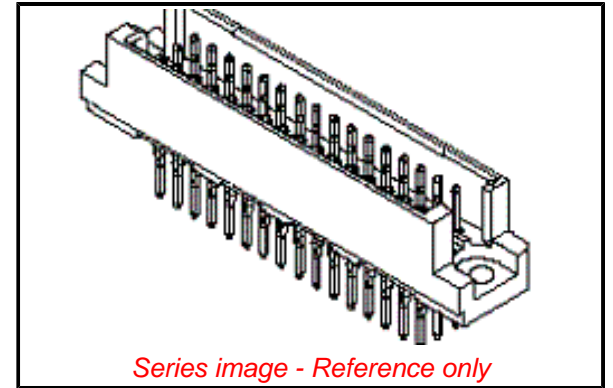
Product Family Backplane Connectors  
 Series [85013](#)  
 Application Daughtercard  
 Comments 4 Day Industrial Environment (S02), 4 Day Industrial Environment (S02)  
 Component Type PCB Header  
 Overview [DIN 41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style R/2  
 UPC 800756596433

**Physical**

Circuits (Loaded) 48  
 Circuits (maximum) 48  
 Circuits Detail Rows A, B, & C  
 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 7.139/g  
 Number of Columns 16  
 Number of Pairs Open Pin Field  
 Number of Rows 3  
 Orientation Vertical  
 PC Tail Length 13.30mm  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Bag  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 1.016µm  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55° to +125°C

**Electrical**

Current - Maximum per Contact 1.0A  
 Data Rate 622.0 Mbps  
 Real Signals (per 25mm) 30



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 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**

[85013](#) Series

**Mates With**

[85042](#) , [85052](#) Backplane Header

Shield Type	N/A
Shielded	No
Voltage - Maximum	1000V (RMS)

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	WAVE
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Sales Drawing	E-85013-0002, E-85013-2036, SD-85013-2036, SDA-85013-0002, SDA-85013-2036
---------------	--

This document was generated on 09/14/2019

**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:](#)

[85013-2036](#)