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**Part Number:** [0850170153](#)  
**Status:** **Active**  
**Overview:** [din\\_41612](#)  
**Description:** 2.54mm (.100") Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M (Hybrid type), Inverse Press-Fit, 0.6µm (24µ") Gold (Au) Selective , 80 Circuits, PC Tail Length-5.8mm(.228"),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**

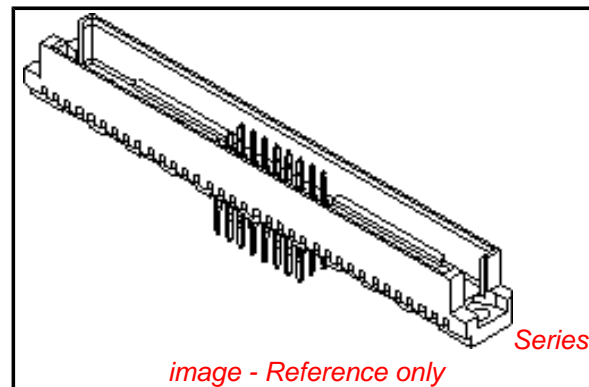
Product Family Backplane Connectors  
 Series [85017](#)  
 Application Backplane  
 Comments Mixed Layout  
 Component Type PCB Header  
 Overview [din\\_41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style M

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 Circuits Detail 78 Signal , 2 Power  
 Durability (mating cycles max) 400  
 First Mate / Last Break No  
 Flammability 94V-0  
 Keying to Mating Part Yes  
 Number of Columns 26  
 Number of Pairs Open Pin Field  
 Number of Rows 3  
 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) 0.062 In  
 PCB Thickness Recommended (mm) 1.60 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 No  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55°C to +125°C

**Electrical**

Current - Maximum per Contact 1.5A  
 Data Rate 622.0 Mbps



**EU RoHS** **China RoHS**

**Compliance Status**

**Not Reviewed**

**REACH SVHC**

**Not Reviewed**

**Halogen-Free**

**Status**

**Not Reviewed**

**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**

[85017Series](#)

**Mates With**

[85048](#) Straight Female Style M Receptacle,  
[85056](#) Straight Female Style M "inverse" Receptacle

**Use With**

[85023](#)

Voltage - Maximum

250V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-85013-0002

Sales Drawing

603-6093-20, SD-85017-002

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