

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

**Part Number:** [85017-0220](#)  
**Status:** **Active**  
**Overview:** [DIN 41612](#)  
**Description:** 2.54mm Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M (Hybrid type), Inverse Press-Fit, 0.60µm Gold (Au) Selective, 32 Circuits, 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  
 UPC 800753856325

**Physical**

Circuits (Loaded) 32  
 Circuits (maximum) 32  
 Circuits Detail 24 SignAl , 8 Power  
 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  
 Net Weight 7.722/g  
 Number of Columns 8  
 Number of Pairs Open Pin Field  
 Number of Rows 3  
 Orientation Vertical  
 PC Tail Length 5.80mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 0.610µm  
 Plating min - Termination 0.406µm  
 Polarized to PCB No  
 Stackable Yes  
 Surface Mount Compatible (SMC) No

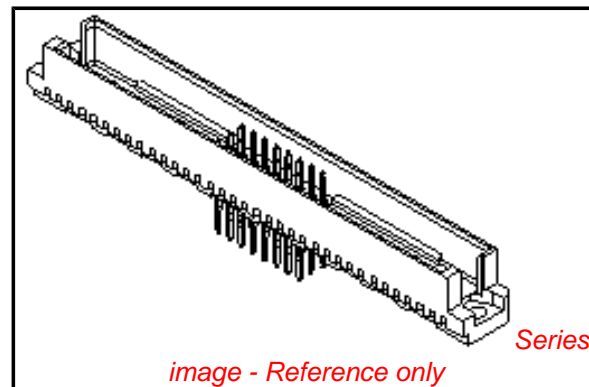


image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**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**

[85017Series](#)

**Mates With**

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

**Use With**

[85023 DIN 41612 Coaxial Contact](#)

Temperature Range - Operating -55°C to +125°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 1.5A  
Data Rate 622.0 Mbps  
Voltage - Maximum 250V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-85013-0002  
Sales Drawing 603-6093-25, SD-85017-005

This document was generated on 07/03/2013

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**