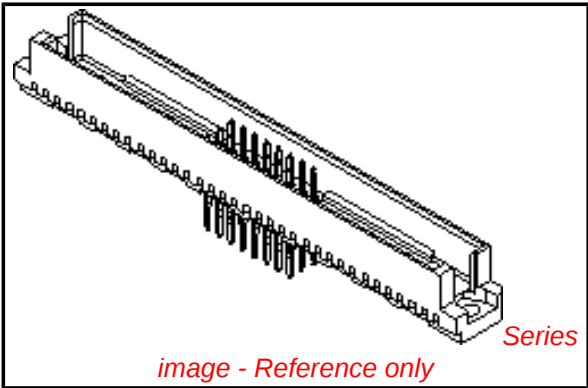


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Part Number: [0850170220](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M (Hybrid type), Inverse Press-Fit, 0.6µm (24µ") Gold (Au) Selective, 32 Circuits, Lead 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

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
Number of Columns 8
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
Plating min: Mating (µin) 24
Plating min: Mating (µm) 0.6

EU RoHS

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

China RoHS



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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

Plating min: Termination (μin)	16
Plating min: Termination (μm)	0.4
Polarized to PCB	No
Stackable	Yes
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	1.5A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85017-001
Product Specification	PS-85013-0002
Sales Drawing	603-6093-25, SD-85017-005

This document was generated on 05/17/2010

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