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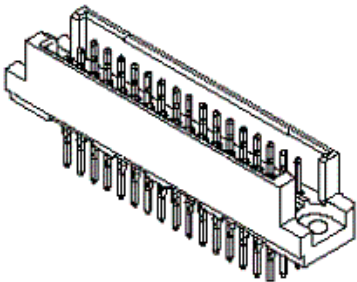
Part Number: [0850139023](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, Style R/2, Press-fit, Vertical, 48 Circuits

Documents:
[3D Model](#) [Product Specification PS-85013-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Backplane Connectors
Series [85013](#)
Application Backplane
Comments "R" at Style Represents Vertical Male DIN Connectors
Component Type PCB Header
Overview [din_41612](#)
Product Name IEC 603-2/DIN 41612
Style R/2

Physical
Circuits (Loaded) 48
Circuits (maximum) 48
Circuits Detail Rows A, B, & C
Color - Resin Gray
Durability (mating cycles max) 400
First Mate / Last Break No
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 16
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Vertical
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In, 0.157 In
PCB Thickness Recommended (mm) 1.60 mm, 4.00 mm
Packaging Type Carton
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
Plating min: Termination (µin) 16
Plating min: Termination (µm) 0.4
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical



*Series
image - Reference only*

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

China RoHS



Need more information on product environmental compliance?

Email 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
[85013Series](#)

Mates With
[85042](#) DIN 41612 Receptacle . [85052](#) DIN 41612 Header

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85013-002
Product Specification	PS-85013-0002
Sales Drawing	SDA-85013-9023

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