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Part Number: [0850039002](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 C/2 Style Male Header, Right Angle, Through Hole, 0.80µm (32µ") Selective Gold (Au) Plating, 48 Circuits, without Mounting Clips, No Flux Proof, Lead free, High Temperature version

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series 85003
 Application Backplane
 Comments No Mounting Clips. No Flux Proof. 5.4mm(.213") First-Mate-Last-BreakContacts. 4.8mm(.189") Normal Contacts
 Component Type PCB Header
 Overview [din_41612](#)
 Product Name IEC 603-2/DIN 41612
 Style C/2

Physical

Circuits (Loaded) 48
 Circuits (maximum) 48
 Circuits Detail Standard Contacts at: A:a1,a16; C:c1,c16. Last-Mate-First-Break Contacts at: X:c2-c15; Y:b1-b16; Z:a2-a15
 Color - Resin Natural
 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 Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Columns 16
 Number of Pairs Open Pin Field
 Number of Rows 3
 Orientation Right Angle
 PC Tail Length 3.00mm (.118")
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm (.063")
 Packaging Type Carton
 Pitch - Mating Interface 2.54mm (.100")
 Pitch - Termination Interface 2.54mm (.100")
 Plating min - Mating 0.813µm (32µ")
 Plating min - Termination 2.540µm (100µ")
 Polarized to PCB Yes
 Stackable No

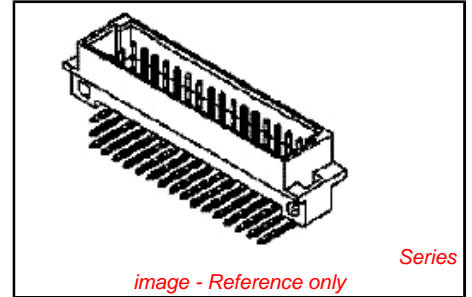


image - Reference only

<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed</p>	<p>China RoHS</p>
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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
 85003Series

Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

No
-55°C to +125°C
Through Hole

Electrical

Current - Maximum per Contact
Data Rate
Voltage - Maximum

1A
622.0 Mbps
250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-85003-0002, SD-85003-9002

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