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Part Number: [85003-2921](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 C Style Male Header, Right Angle, Through Hole, 0.80µm Selective Gold (Au) Plating, 96 Circuits, without Mounting Clips, No Flux Proof, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85003-0001 \(PDF\)](#)

Agency Certification

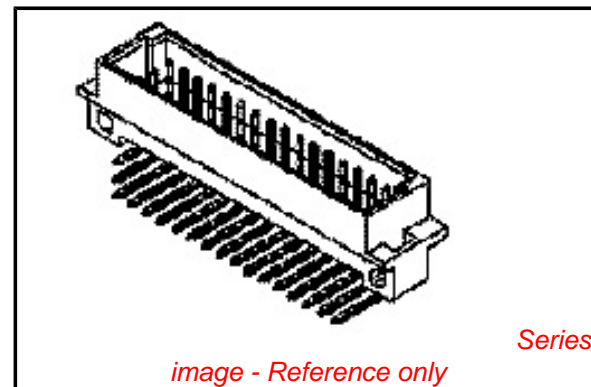
CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85003](#)
 Application Backplane
 Comments No Mounting Clips. No Flux Proof. 4.20mm Last-Mate-First-Break Contacts. 5.40mm First-Mate-Last-Break Contacts. 4.80mm Normal Contacts
 Component Type PCB Header
 Overview [DIN 41612](#)
 Product Name IEC 603-2/DIN 41612
 Style C
 UPC 800753240902

Physical

Circuits (Loaded) 96
 Circuits (maximum) 96
 Circuits Detail Standard Contacts at: A:a1-a26,a28-a32; B:b1-b26,b28-b32; C:c1-c26,c28-c32. First-Mate-Last-Break Contacts at:X:c27; Y:b27; Z:a27
 Color - Resin Gray
 Durability (mating cycles max) 400
 First Mate / Last Break Yes
 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 Polyester
 Net Weight 16.687/g
 Number of Columns 16
 Number of Pairs Open Pin Field
 Number of Rows 3
 Orientation Right Angle
 PC Tail Length 3.00mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Carton
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm



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
 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](#)

Plating min - Mating	0.813μm
Plating min - Termination	2.540μm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Product Specification	PS-85003-0001
Sales Drawing	SD-85003-2921

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