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Part Number: [0850039039](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 C/2 Style Male Header, Right Angle, Through Hole, 0.80µm Selective Gold (Au) Plating, 20 Circuits, without Mounting Clips, No Flux Proof

Documents:

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

Agency Certification

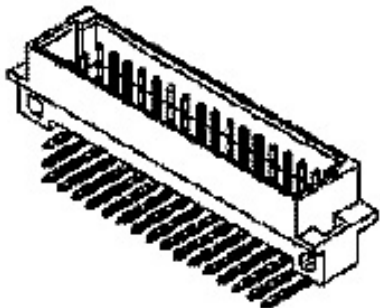
CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85003](#)
Application Backplane
Comments No Mounting Clips. No Flux Proof
Component Type PCB Header
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style C/2
UPC 822348265398

Physical

Circuits (Loaded) 20
Circuits (maximum) 48
Circuits Detail Standard Contacts at: A:a1,a3,a5...a13,a15,a16;
B:b14,b16; C:c1,c3,c5...c13,c15,c16
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 Brass
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 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
Plating min - Mating 0.813µm
Plating min - Termination 2.540µm
Polarized to PCB Yes
Stackable No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[85003 Series](#)

Electrical

Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-85003-9039
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