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Part Number: [85003-0646](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 Header, Right Angle, Through Hole, Style C, 0.60µm Selective Gold (Au), 64 Circuits, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85003](#)
Application Daughtercard
Component Type PCB Header
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style C
UPC 800756443751

Physical

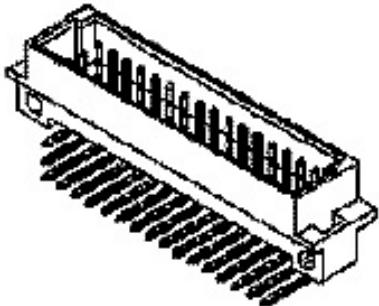
Circuits (Loaded) 64
Circuits (maximum) 96
Durability (mating cycles max) 400
First Mate / Last Break Yes
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Plating Mating Gold
Net Weight 11.854/g
Number of Columns 16
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Right Angle
PC Tail Length 3.00mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Polarized to PCB Yes
Stackable No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 10



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



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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](#)

Mates With

[85042](#) , [85052](#) Backplane Header

Lead-free Process Capability
Process Temperature max. C

Wave Capable (TH only)
260

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-85003-0646

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