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Part Number: [0850030062](#)
Status: **Active**
Overview: DIN 41612
Description: 2.54mm Pitch DIN 41612 Header, Style C/2, Right-Angle, Through Hole, 0.60µm Selective Gold (Au), 48 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-85003-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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/2
 UPC 800753680180

Physical

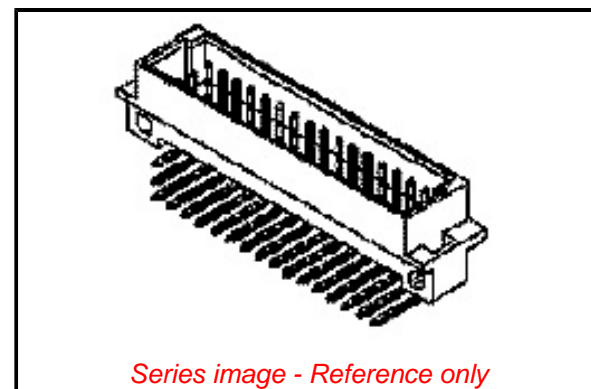
Circuits (Loaded) 48
 Circuits (maximum) 48
 Durability (mating cycles max) 400
 First Mate / Last Break No
 Flammability 94V-0
 Guide to Mating Part No
 Keying to Mating Part Yes
 Material - Plating Mating Gold
 Net Weight 7.353/g
 Number of Columns 16
 Number of Pairs Open Pin Field
 Number of Rows 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° to +125°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1.0A
 Data Rate 622.0 Mbps
 Voltage - Maximum 250V AC (RMS)

Solder Process Data

Lead-freeProcess Capability WAVE



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Not Low-Halogen

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 environmental compliance?**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[85003](#) Series

Mates With

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

Material Info

Engineering Number

48P-6033-072V-0

Reference - Drawing Numbers

Product Specification

PS-85003-0001-001

Sales Drawing

SD-85003-0062

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