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Part Number: [0850090725](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M, Right Angle, Through Hole, 0.6µm (24 µ") Selective Gold (Au), with First-Mate-Last-Break Pins, 80 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85009](#)
 Application Backplane
 Comments Mixed Layout
 Component Type PCB Header
 Overview [din_41612](#)
 Product Name IEC 603-2/DIN 41612
 Style M

Physical

Circuits (Loaded) 80
 Circuits (maximum) 80
 Circuits Detail 78 + 2
 Durability (mating cycles max) 400
 First Mate / Last Break Yes
 Flammability 94V-0
 Keying to Mating Part Yes
 Number of Columns 26
 Number of Pairs Open Pin Field
 Number of Rows 3
 Orientation Right Angle
 PC Tail Length (in) 0.118 In
 PC Tail Length (mm) 3.00 mm
 PCB Locator No
 PCB Retention None
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Tray
 Pitch - Mating Interface (in) 0.100 In
 Pitch - Mating Interface (mm) 2.54 mm
 Pitch - Term. Interface (in) 0.100 In
 Pitch - Term. Interface (mm) 2.54 mm
 Temperature Range - Operating -55°C to +125°C

Electrical

Current - Maximum per Contact 1.5A
 Data Rate 622.0 Mbps
 Voltage - Maximum 250V AC (RMS)

Material Info

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

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

[85009Series](#)

Mates With

[85048](#) , [85056](#)

Use With

[85023](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-85009-001

PS-85003-0001

SDA-85009-0004, SDA-85009-0725

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