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Part Number:

85003-7055

Status:

Active

Overview:

DIN 41612

Description:

2.54mm Pitch DIN 41612 C/2 Style Male Header, Right Angle, Through Hole, 1.27µm Selective Gold (Au) Plating, 48 Circuits, without Mounting Clips, No Flux Proof, High Temperature version

Documents:

Drawing (PDF)

Product Specification PS-85003-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

UPC

Backplane Connectors

85003

Backplane

No Mounting Clips. No Flux Proof. 5.40mm First-Mate-Last-Break Contacts. 4.80mm Normal Contacts

PCB Header

DIN 41612

IEC 603-2/DIN 41612

C/2

800753874121

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

48

48

Standard Contacts at: A:a2-a15; B:b1-b16, C:c2-c15 . First-Mate-Last-Break Contacts at: X:c1,c16; Z:a1,a16

Natural

500

Yes

94V-0

No

Yes

Brass

Gold

Tin

High Temperature Thermoplastic

16

Open Pin Field

3

Right Angle

3.00mm

No

Yes

1.60mm

Carton

2.54mm

2.54mm

1.270µm

2.540µm

Yes

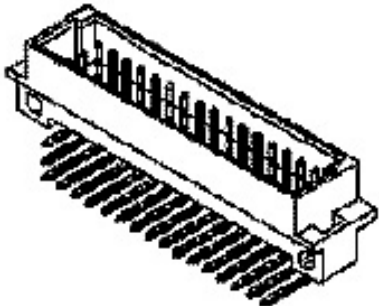


image - Reference only

Series

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

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-85003-7055

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