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Part Number:

0850170074

Status:

Active

Overview:

DIN 41612

Description:

2.54mm Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M(Hybrid type), Inverse Press-Fit, 0.60µm Gold (Au) Selective, 48 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85013-0002 (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

85017

Backplane

Mixed Layout, Mixed Layout

PCB Header

DIN 41612

IEC 603-2/DIN 41612

M

800753874893

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

Net Weight

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

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

48

48

42 SignAl , 6 Power

Gray

400

No

94V-0

No

Yes

Phosphor Bronze

Gold

Tin

Polyester

9.538/g

16

Open Pin Field

3

Vertical

5.80mm

No

Yes

1.60mm

Tray

2.54mm

2.54mm

0.610µm

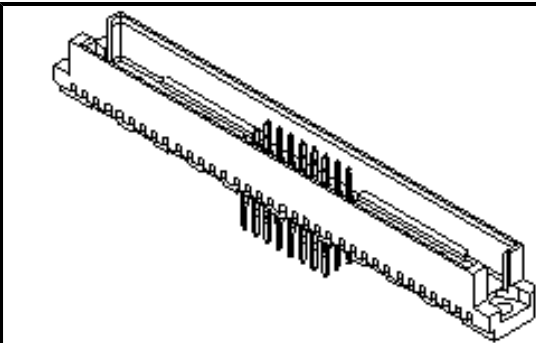
0.406µm

No

Yes

No

-55° to +125°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/71/2019 (16 July  
2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

85017 Series

Mates With

85048 Straight Female Style M Receptacle.  
85056 Straight Female Style M "inverse"  
Receptacle

Use With

85023 DIN 41612 Coaxial Contact

|                                    |                              |
|------------------------------------|------------------------------|
| Termination Interface: Style       | Through Hole - Compliant Pin |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 1.5A                         |
| Data Rate                          | 622.0 Mbps                   |
| Voltage - Maximum                  | 250V AC (RMS)                |
| <b>Solder Process Data</b>         |                              |
| Lead-freeProcess Capability        | N/A                          |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Product Specification              | PS-85013-0002                |
| Sales Drawing                      | 603-6093-24, SD-85017-004    |

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