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Part Number:

0850480115

Status:

Active

Overview:

DIN 41612

Description:

2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Female Style M, 64 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

85048

Application

Backplane

Comments

Mixed Layout

Component Type

PCB Receptacle

Overview

DIN 41612

Product Name

IEC 603-2/DIN 41612

Style

M

UPC

800753857445

Physical

Circuits (Loaded)

64

Circuits (maximum)

64

Circuits Detail

Rows A, B, & C

Durability (mating cycles max)

400

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

Keying to Mating Part

Yes

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Net Weight

11.478/g

Number of Columns

20

Number of Pairs

Open Pin Field

Number of Rows

3

Orientation

Vertical

PC Tail Length

4.50mm

PCB Locator

No

PCB Retention

Yes

Packaging Type

Carton

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

0.610µm

Polarized to PCB

Yes

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55° to +125°C

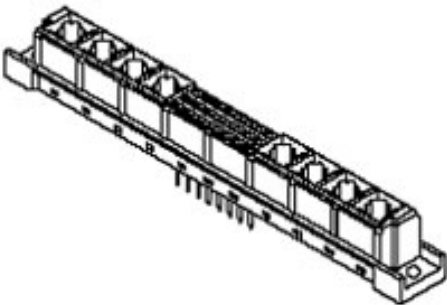
Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

85048 Series

Mates With

DIN 41612/EIC 603-2 Mixed Layout  
Connector [85009](#) , [85017](#)

Use With

[85022](#) DIN 41612 High Current Contact

|                                    |                              |
|------------------------------------|------------------------------|
| Data Rate                          | 622.0 Mbps                   |
| Real Signals (per 25mm)            | 30                           |
| Voltage - Maximum                  | 250V AC (RMS)                |
| <b>Solder Process Data</b>         |                              |
| Lead-freeProcess Capability        | N/A                          |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Sales Drawing                      | SD-85048-0002, SD-85048-0115 |

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