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Part Number:

85048-1782

Status:

Active

Overview:

DIN 41612

Description:

2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, with 4 additional high current solder contacts, 42 Circuits

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

85048

Application

Daughtercard

Comments

Mixed Layout

Component Type

PCB Receptacle

Overview

DIN 41612

Product Name

IEC 603-2/DIN 41612

Style

M

UPC

800753857711

Physical

Circuits (Loaded)

42

Circuits (maximum)

42

Circuits Detail

Standard Contacts at: A:a10-a23; B:b10-b23; C:c10-c23 . High Current Solder Pins at: B:b2,b5,b8,b25

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

Number of Columns

14

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°C to +125°C

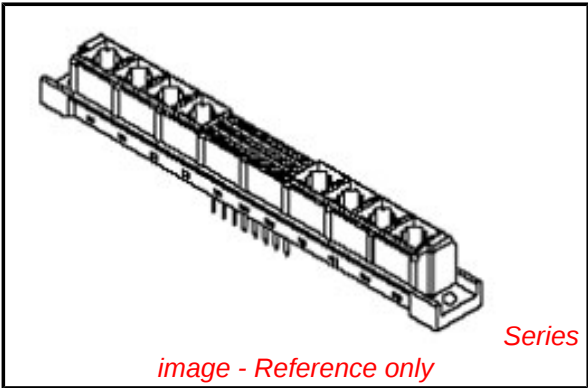
Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

1A



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

85048Series

Mates With

DIN 41612/EIC 603-2 Mixed Layout Connector 85009 , 85017

Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing SD-85048-0003, SD-85048-1782

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