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Part Number:

0850159006

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Press-fit Style R+, 0.6µm (24µ") Selective Gold (Au), 128 Circuits, Lead Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85013-0002 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

85015

Backplane

"R" at Style Represents Vertical Male DIN Connectors

PCB Header

din_41612

IEC 603-2/DIN 41612

R

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

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 (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Stackable

128

128

Standard Contacts at A:a2-a28, a31-a32, b1-b32, c1-c32, d1-d32 . First-Mate-Last-Break Contacts at X: a1-a30 . Last-Mate-First-Break Contacts at: Y a29

Gray

400

Yes

No

Yes

Phosphor Bronze

Gold

Tin

Polyester

32

Open Pin Field

4

Vertical

0.228 In

5.80 mm

No

Yes

0.063 In, 0.157 In

1.60 mm, 4.00 mm

Carton

0.100 In

2.54 mm

0.100 In

2.54 mm

24

0.6

16

0.4

Yes

No

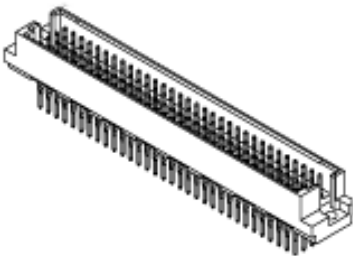


image - Reference only

Series

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

85015Series

Mates With

85042 DIN 41612 Receptacle . 85052 DIN 41612 Header

Use With

85089-1081 Press-in Tool

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85015-001
Product Specification	PS-85013-0002
Sales Drawing	SDA-85015-9006

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