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Part Number:

0850520024

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style R Reverse, 64 Circuits

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

85052

Application

Backplane

Component Type

PCB Receptacle

Overview

din_41612

Product Name

IEC 603-2/DIN 41612

Style

R

Physical

Circuits (Loaded)

64

Circuits (maximum)

96

Durability (mating cycles max)

400

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

Keying to Mating Part

Yes

Number of Columns

32

Number of Pairs

Open Pin Field

Number of Rows

3

Orientation

Right Angle

PC Tail Length (in)

0.110 In

PC Tail Length (mm)

2.80 mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness Recommended (in)

0.063 In, 0.126 In

PCB Thickness Recommended (mm)

1.60 mm, 3.20 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.100 In

Pitch - Mating Interface (mm)

2.54 mm

Pitch - Term. Interface (in)

0.100 In

Pitch - Term. Interface (mm)

2.54 mm

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

2.5A

Data Rate

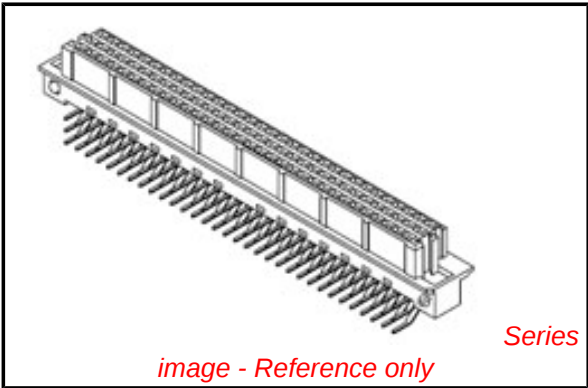
622.0 Mbps

Real Signals (per 25mm)

30

Voltage - Maximum

250V AC (RMS)



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

85052Series

Mates With

DIN 41612 Headers [85003](#) , [85013](#)

Material Info

Reference - Drawing Numbers

Sales Drawing

SDA-85052-0001, SDA-85052-0024

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VIEW ON MATING SIDE

[illegible]

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31
32

A = 32 CONTACTS L=2,8

C = 32 CONTACTS L = 2,8

S = 64 TOTAL NUMBER OF CONTACTS

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	yes
Fixing clip	no
Dimensions	SDA-85052-0001 sht.1
Technical Data	PS-85052-0001

C	G2/0	c1-32	
A	G2/0	a1-32	
Contact symbol	Perform. level	Contact position number	

first release see ECN No. 2.154	LTR	REVISIONS		FOR PREVIOUS REVISIONS SEE MFL LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRWG BY	SIGN	REVISIONS ONLY ON CAD SYSTEM		SH.	REV.
		INCH		METRIC		3 PLACE $\pm$.		Ca		CAD/AM PROJECT NAME s8505200 s21		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		2 PLACE $\pm$.		3 PLACE $\pm$.		CHK'D BY		Ca		TITLE			
		1 PLACE $\pm$.		2 PLACE $\pm$.		KN				96 pos. female connector acc. DIN 41612 style R contacts arrangement			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY		SIGN				MOLEX® MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 96/06/13
		DESIGN DIMENSION ☐ MM ☐ IN.		EQUIVALENT DIMENSION ☐ MM ☐ IN.		SCALE				PART NO. 85052-0024		DWG NO. SDA-85052-0024	SIZE A
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY											