

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850520139

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)

0.134 In

PC Tail Length (mm)

3.40 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

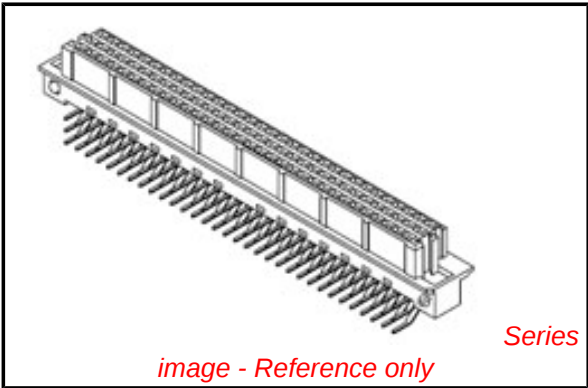
622.0 Mbps

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

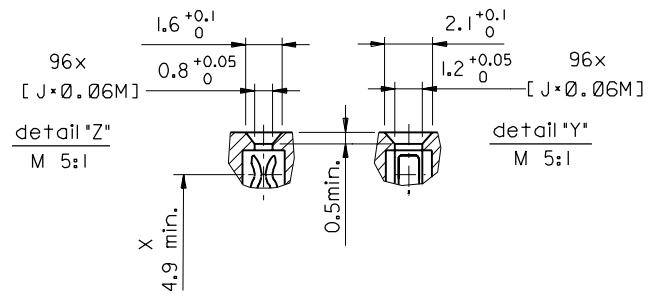
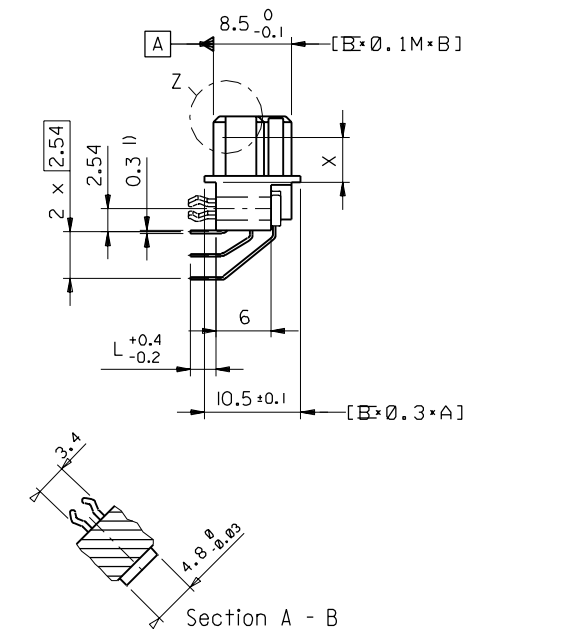
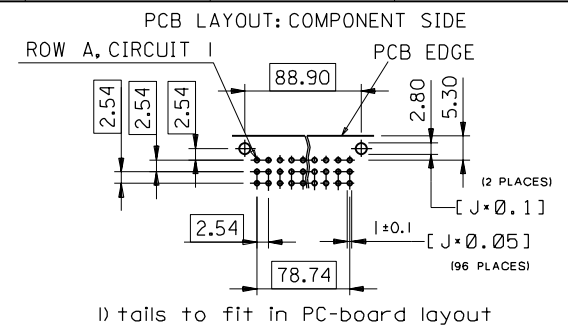
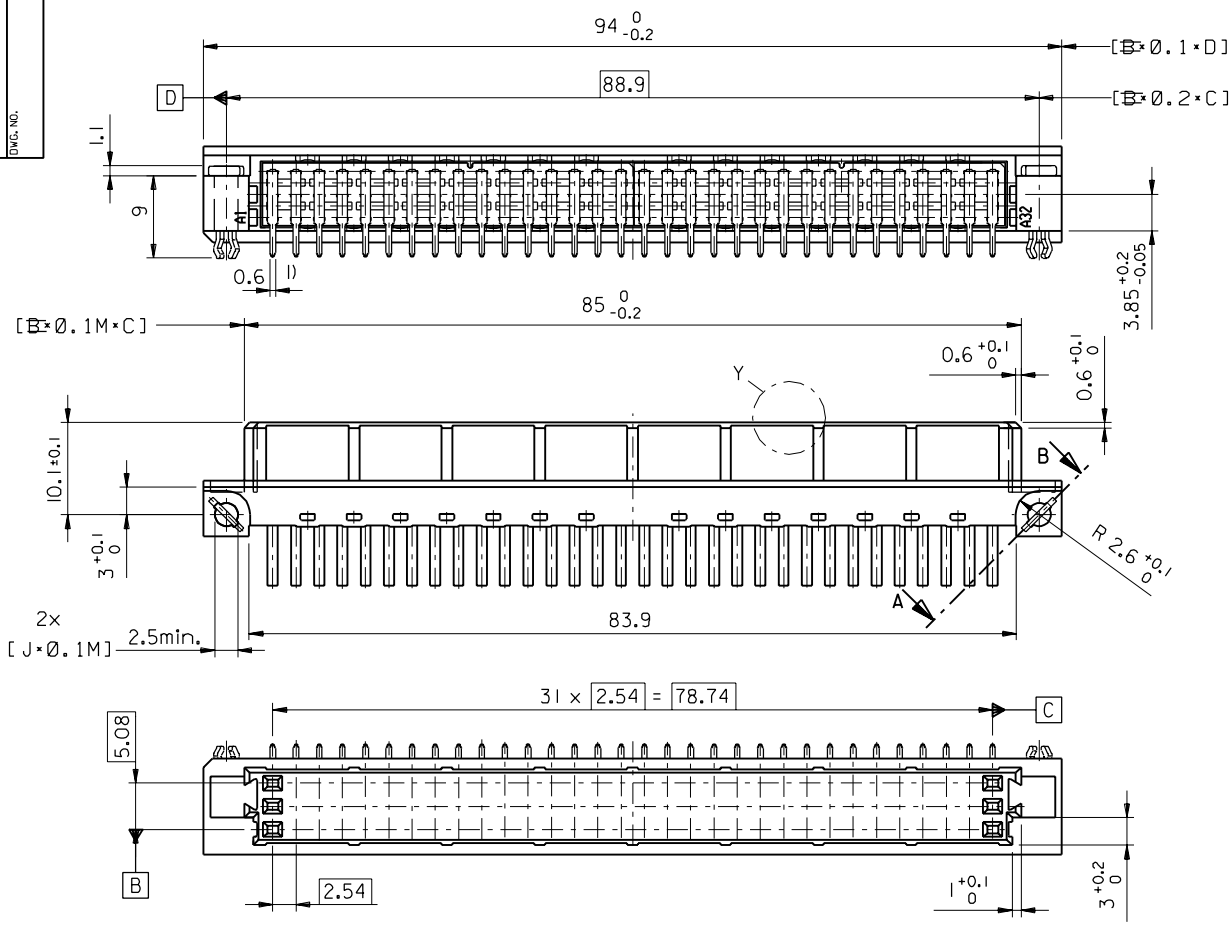
Sales Drawing

SDA-85052-0001, SDA-85052-0139

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PART NO.
DWG. NO.



ECN MG1998-2586		hole pattern/L +0.4-0.2		97-09-15 KN		REVISONS		FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		2	BI
BI		LTR		FOR PREVIOUS REVISIONS SEE MRI LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°		DRWG BY KN		CAD/CAM PROJECT NAME 85052000 611		SH.	REV.
						INCH METRIC		CHK'D BY Ca		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
						3 PLACE ± ±		APP'D BY JB		TITLE 96 pos. female connector DIN 41612 style R + clip Dimensions			
						2 PLACE ± ±		SCALE 2:1		MOLEX MOLEX EUROPE		SHEET NO. DATE 1 OF 2 96/04/25	
						1 PLACE ± ±				PART NO.		DWG NO. SDA-85052-0001	
						DESIGN DIMENSION ☒ MM ☐ IN.						SIZE B	
						EQUIVALENT DIMENSION ☐ MM ☐ IN.							
						IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY							

