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Part Number: [0850540000](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Receptacle, Style R Reverse 4-Row, 128 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85054](#)
 Application Backplane
 Component Type PCB Receptacle
 Overview [din_41612](#)
 Product Name IEC 603-2/DIN 41612
 Style R+

Physical

Circuits (Loaded) 128
 Circuits (maximum) 128
 Durability (mating cycles max) 500
 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 4
 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) 1.62 mm, 3.20 mm
 Packaging Type Bag
 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 No
 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 1.5A
 Data Rate 622.0 Mbps
 Real Signals (per 25mm) 39
 Shielded No

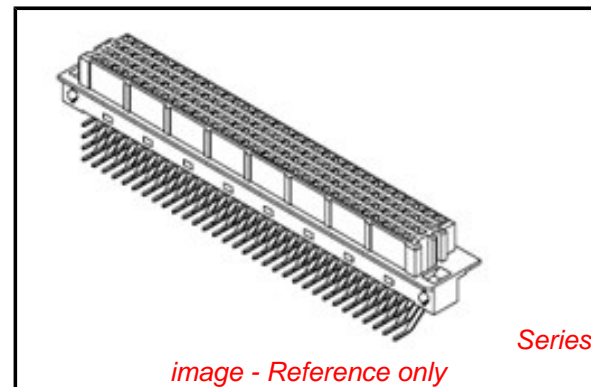


image - Reference only

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

[85054Series](#)

Mates With

DIN 41612 Header [85015](#)

Voltage - Maximum

250V AC (RMS)

Material Info

Reference - Drawing Numbers

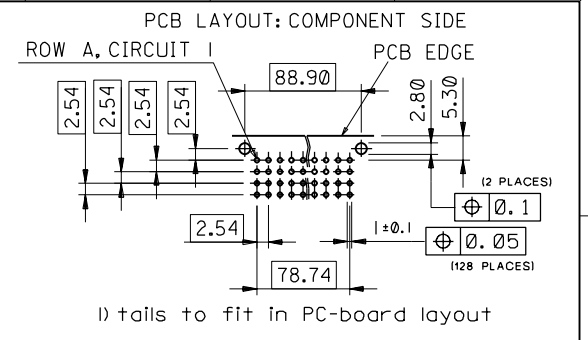
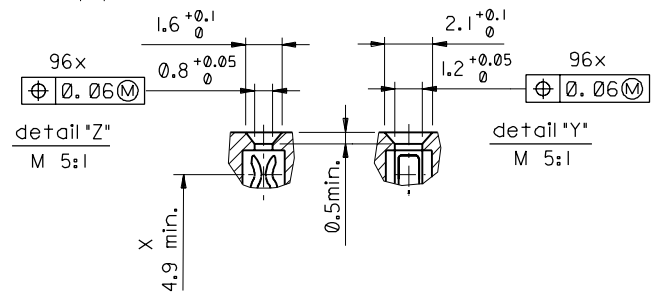
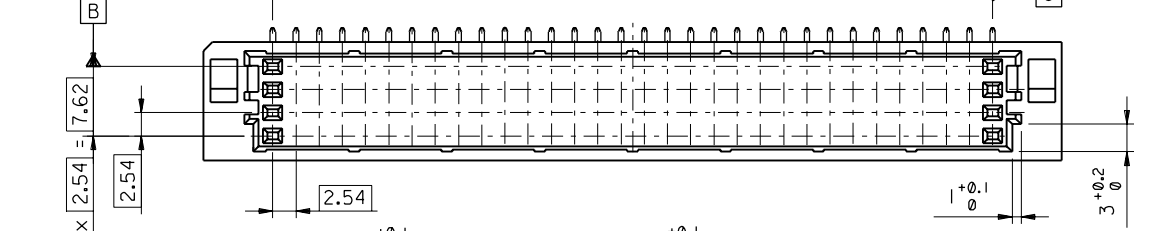
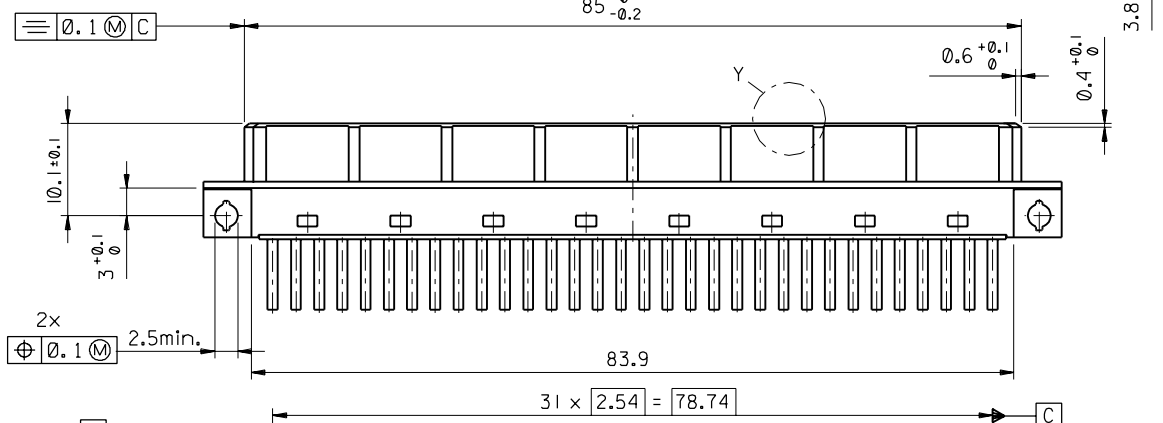
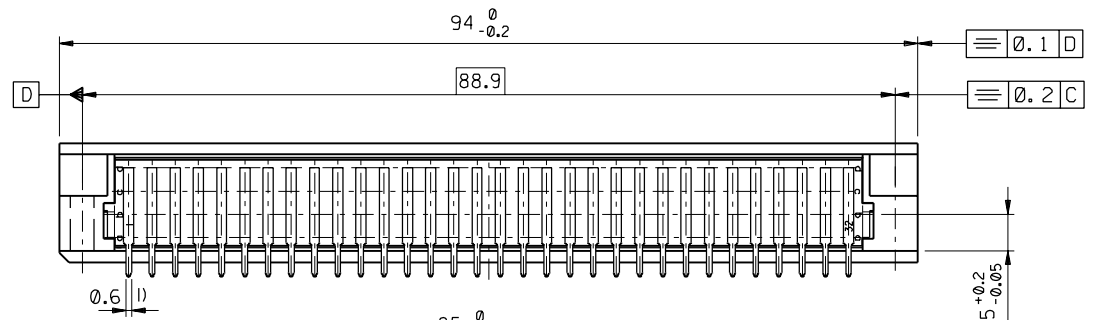
Sales Drawing

SDA-85054-0000, SDA-85054-0001

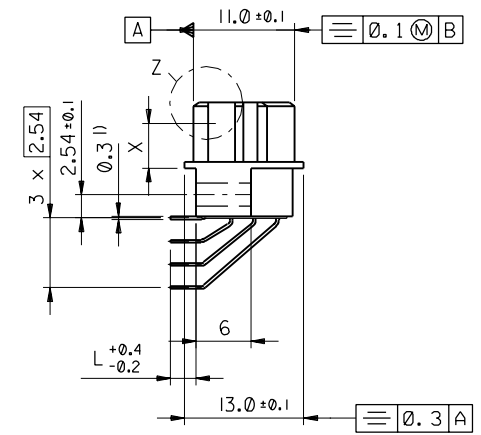
This document was generated on 05/17/2010

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PART NO.
DWG. NO.



1) tails to fit in PC-board layout



FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°	DRWG BY	SIGN	CAD/CAM PROJECT NAME	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
INCH	KN		85054000		
METRIC	CHK'D BY	SIGN	611	TITLE	
3 PLACE ±	Ca			128 pos. female connector	
2 PLACE ±				DIN 41612 complies with	
1 PLACE ±	APP'D BY	SIGN		style R, Dimensions	
	JB			MOLEX EUROPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE			SHEET NO.	DATE
DESIGN DIMENSION <input checked="" type="checkbox"/> MM	2:1			1 OF 1	96/07/29
EQUIVALENT DIMENSION <input type="checkbox"/> MM				PART NO.	DWG NO.
<input type="checkbox"/> IN.				SDA-85054-0001	SIZE
<input type="checkbox"/> IN.					B