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Part Number: [0850540062](#)
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

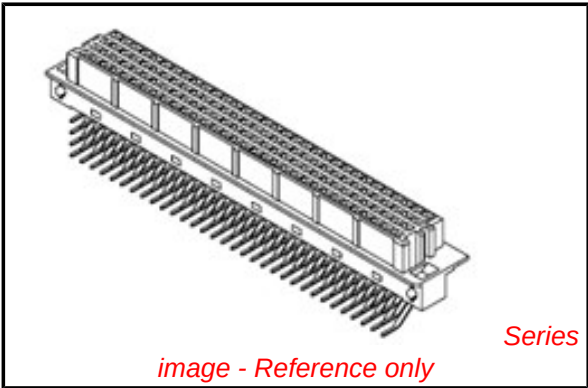
Product Family Backplane Connectors
Series [85054](#)
Application Backplane
Component Type PCB Receptacle
Overview [din_41612](#)
Product Name IEC 603-2/DIN 41612
Style R+

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



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

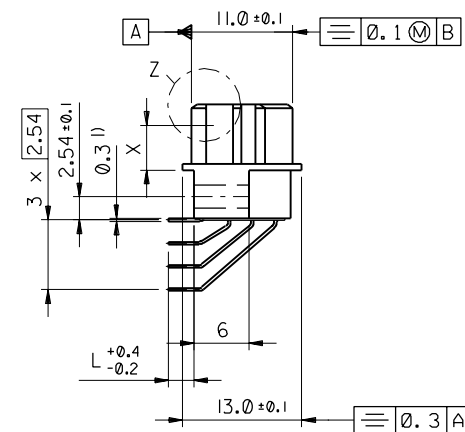
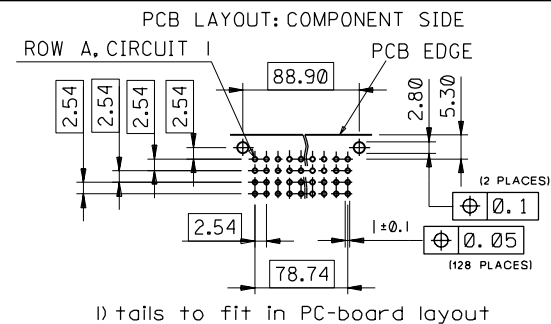
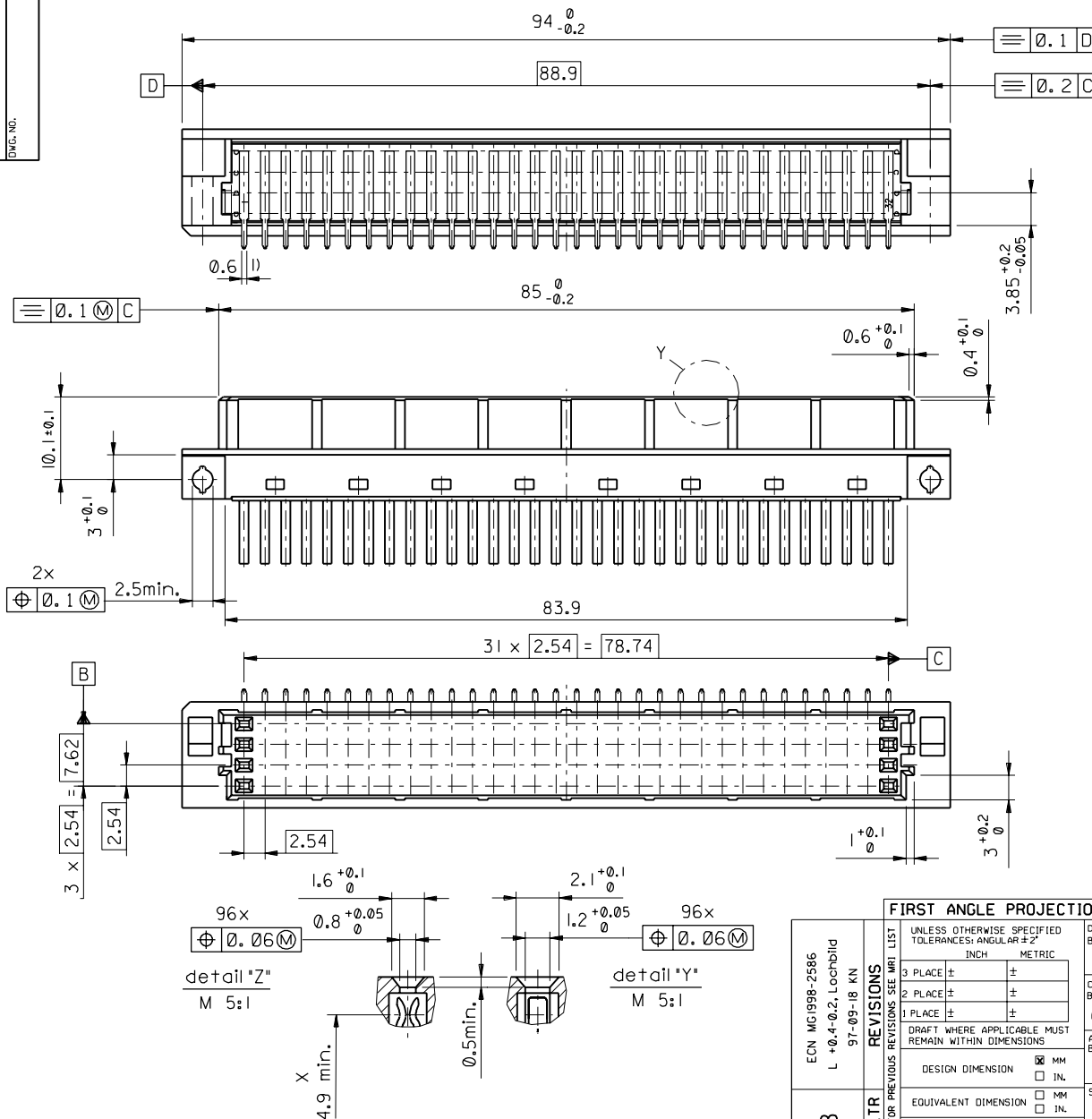
Reference - Drawing Numbers

Sales Drawing

SDA-85054-0001, SDA-85054-0062

This document was generated on 05/17/2010

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REV FOR PREVIOUS REVISIONS SEE MRL LIST	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																		
	<table><tr><th colspan="2">INCH</th><th colspan="2">METRIC</th></tr><tr><td>3 PLACE</td><td>±</td><td></td><td>±</td></tr><tr><td>2 PLACE</td><td>±</td><td></td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td></td><td>±</td></tr></table>			INCH		METRIC		3 PLACE	±		±	2 PLACE	±		±	1 PLACE	±		±	KN		850840000 s11			
	INCH		METRIC																						
	3 PLACE	±		±																					
	2 PLACE	±		±																					
	1 PLACE	±		±																					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			CHK'D BY	SIGN	TITLE																			
	<table><tr><td>DESIGN DIMENSION</td><td>☒ MM</td></tr><tr><td></td><td>☐ IN.</td></tr></table>			DESIGN DIMENSION	☒ MM		☐ IN.	Ca		128 pos. female connector DIN 41612 complies with style R. Dimensions															
	DESIGN DIMENSION	☒ MM																							
	☐ IN.																								
EQUIVALENT DIMENSION			APP'D BY	SIGN	JB																				
<table><tr><td></td><td>☐ MM</td></tr><tr><td></td><td>☐ IN.</td></tr></table>				☐ MM		☐ IN.	SCALE		 MOLEX EUROPE			SHEET NO.	DATE												
	☐ MM																								
	☐ IN.																								
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY			2:1		1 OF 1			96/07/29	SIZE																
					PART NO.		DWG NO.																		
							SDA-85054-0001		B																

VIEW ON MATING SIDE

[illegible]

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|---|---|----|----------|-------|
| A | = | 32 | CONTACTS | L=2,8 |
| B | = | 32 | CONTACTS | L=2,8 |
| C | = | 32 | CONTACTS | L=2,8 |
| D | = | 32 | CONTACTS | L=2,8 |

S = 128 TOTAL NUMBER OF CONTACTS

Marking	Standard
Performance level	G10 = Contact area level I / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85054-0001 sht.1
Technical Data	PS-85052-0001

D	GI/O	dI-32
C	GI/O	cI-32
B	GI/O	bI-32
A	GI/O	aI-32
Contact symbol	Perform. level	Contact position number

ECN 2264 Produkt spec. 96-10-21 KN	LTR	REVISIONS		FOR PREVIOUS REVISIONS SEE MRI LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRWG BY KN	SIGN	REVISE ONLY ON CAD SYSTEM				SH.	REV.		
		INCH		METRIC													
		3 PLACE $\pm$.	$\pm$	2 PLACE $\pm$.	$\pm$	1 PLACE $\pm$.	$\pm$										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
DESIGN DIMENSION						☐ MM	☐ IN.	SCALE		TITLE 128 pos. female connector acc. DIN 41612 style R contacts arrangement							
EQUIVALENT DIMENSION						☐ MM	☐ IN.	SIGN		APP'D BY		SIGN		CAD/AM PROJECT NAME s8505400 s61		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY.						85054-0062		SDA-85054-0062		SIZE		A					