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Part Number: [0850401031](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Receptacle, Style B, 32 Circuits, Lead free

Documents:

[3D Model](#) [Product Specification PS-85042-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85040](#)
 Application Daughtercard
 Comments With Mounting Clips. No Flux Proof
 Component Type PCB Receptacle
 Overview [din_41612](#)
 Product Name IEC 603-2/DIN 41612
 Style B

Physical

Circuits (Loaded) 32
 Circuits (maximum) 64
 Circuits Detail Rows A & B
 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 16
 Number of Pairs Open Pin Field
 Number of Rows 2
 Orientation Vertical
 PC Tail Length (in) 0.114 In
 PC Tail Length (mm) 2.90 mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness Recommended (in) 0.063 In, 0.157 In
 PCB Thickness Recommended (mm) 1.60 mm, 4.00 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 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 1A
 Data Rate 622.0 Mbps

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

[85040Series](#)

Mates With

DIN 41612 Headers [85001](#)

Real Signals (per 25mm)	20
Shielded	No
Voltage - Maximum	250V AC (RMS)

Solder Process Data

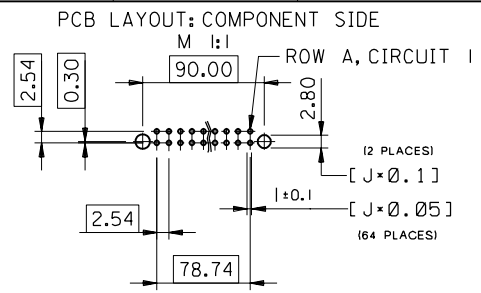
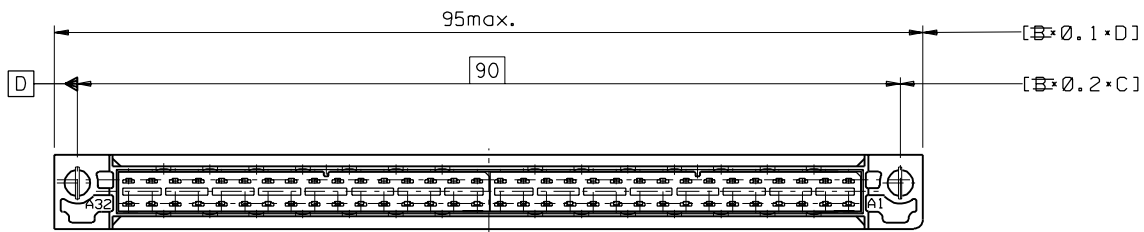
Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

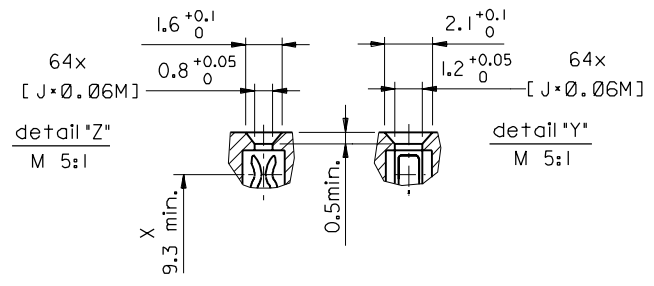
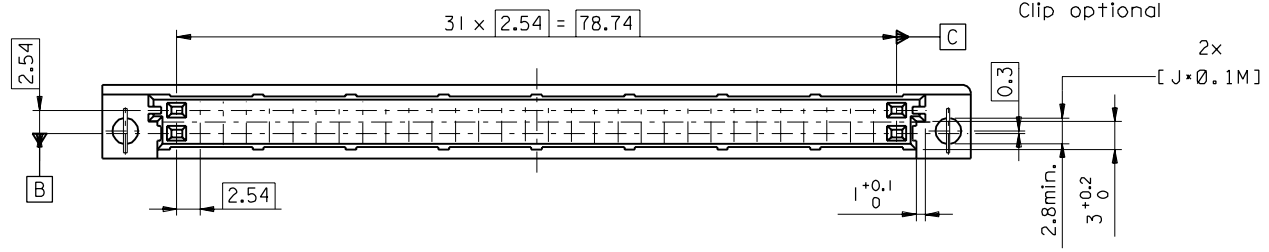
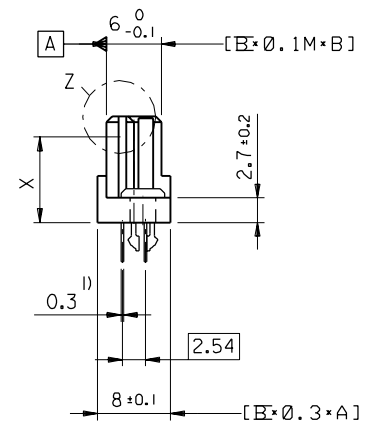
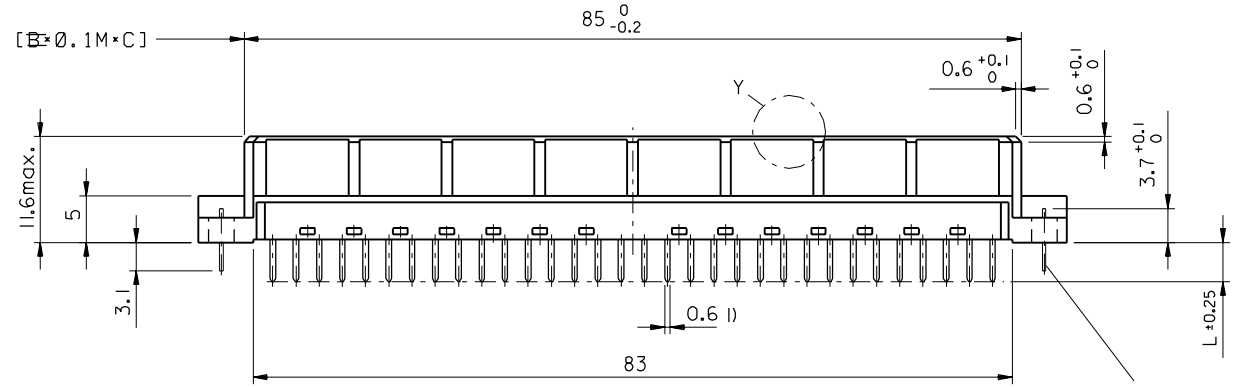
Product Specification	PS-85042-001
Sales Drawing	SDA-85040-0001, SDA-85040-1031

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1) tails to fit in PC-board layout



ECN MG1998-2727 new fixing clip 98-04-14 Co	REVISIONS	3 PLACE ±	±
		2 PLACE ±	±
LTR	FOR PREVIOUS REVISIONS SEE MRI LIST	1 PLACE ±	±
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
C	LTR	DESIGN DIMENSION	<input checked="" type="checkbox"/> MM <input type="checkbox"/> IN.
		EQUIVALENT DIMENSION	<input type="checkbox"/> MM <input type="checkbox"/> IN.
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY		SCALE	2:1

FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.
DRWG BY	KN	CAD/CAM PROJECT NAME	85040000 611	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
CHK'D BY	Ca	TITLE	64 pos. Female connector DIN 41612 style B + clip Dimensions		
APP'D BY	JB	MOLEX EUROPE		SHEET NO.	DATE
		1 OF 1		95/11/14	
		PART NO.	DWG NO.	SIZE	
		SDA-85040-0001		B	

