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Part Number: [0850420189](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Receptacle, Style C, 64 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85042](#)
 Application Daughtercard
 Component Type PCB Receptacle
 Overview [din_41612](#)
 Product Name IEC 603-2/DIN 41612
 Style C

Physical

Circuits (Loaded) 64
 Circuits (maximum) 96
 Circuits Detail Rows A & C
 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 Vertical
 PC Tail Length (in) 0.177 In
 PC Tail Length (mm) 4.50 mm
 PCB Locator No
 PCB Retention Yes
 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

Electrical

Current - Maximum per Contact 2.5A
 Data Rate 622.0 Mbps
 Real Signals (per 25mm) 29
 Shielded No
 Voltage - Maximum 250V AC (RMS)

Material Info

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

[85042Series](#)

Mates With

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

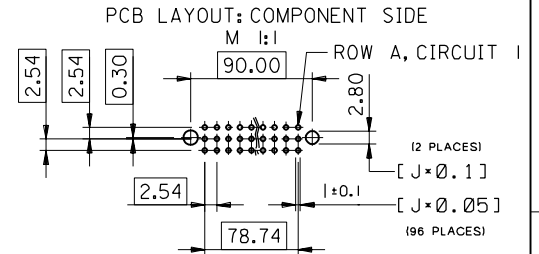
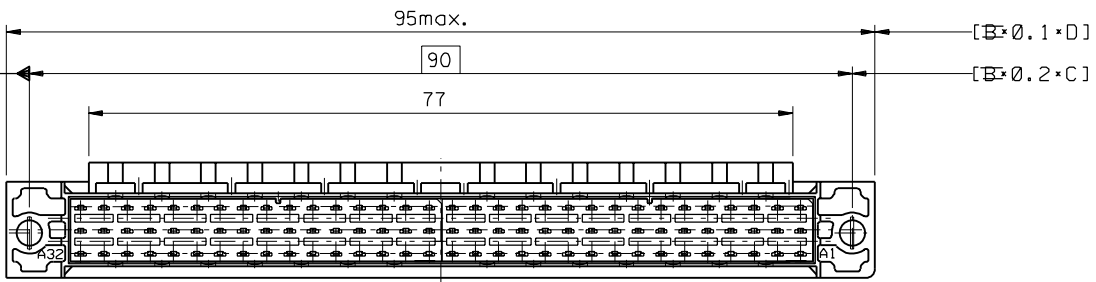
Reference - Drawing Numbers

Sales Drawing

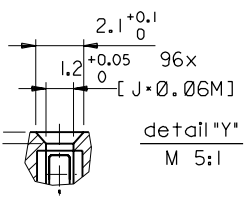
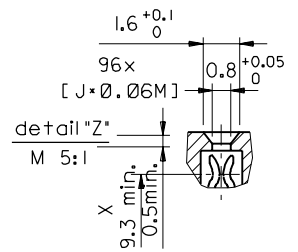
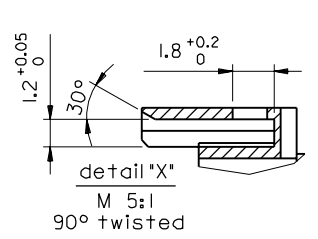
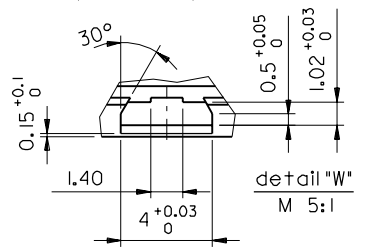
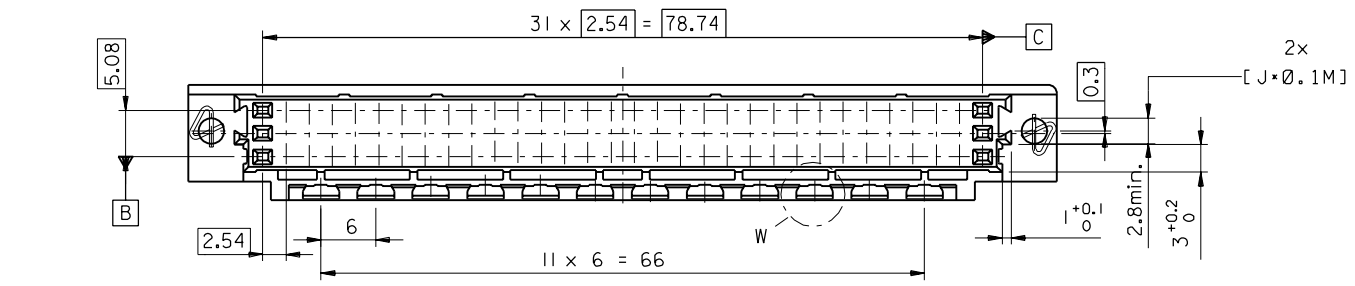
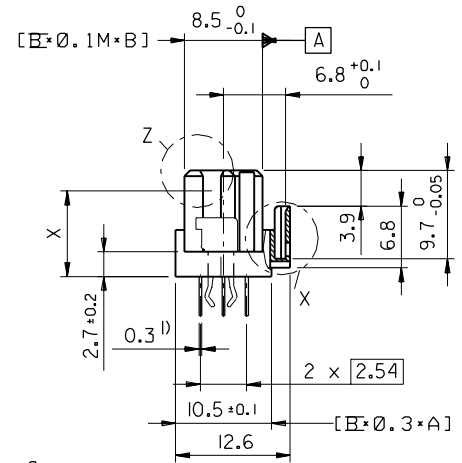
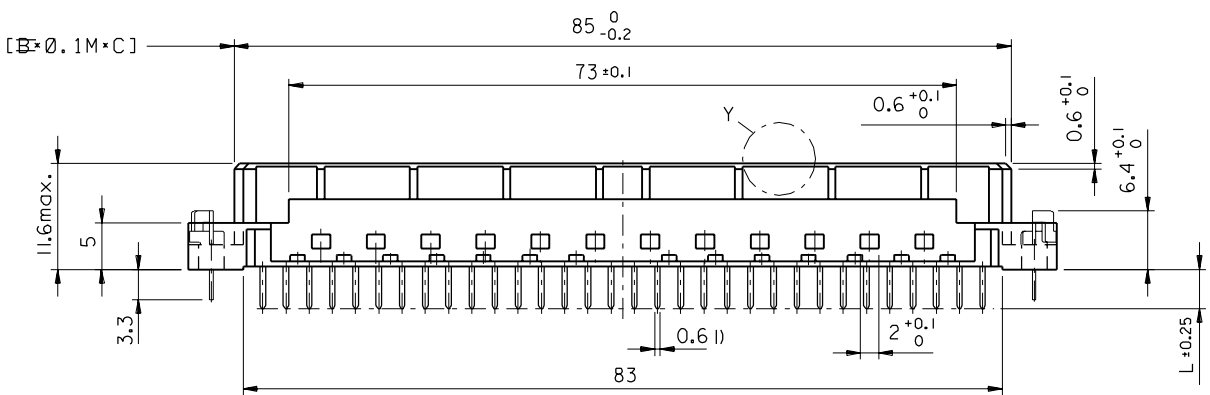
SDA-85042-0001, SDA-85042-0189

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l) 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	
3 PLACE ±	±	KN		85042000	
2 PLACE ±	±	CHK'D BY	SIGN	812	
1 PLACE ±	±	Ca		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SIGN	TITLE	
DESIGN DIMENSION	<input checked="" type="checkbox"/> MM	JB		96 pos. female connector	
EQUIVALENT DIMENSION	<input type="checkbox"/> MM	SCALE		DIN 41612 style C, + clip	
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY		2:1		with coding, dimensions	

ECN MG1998-2583	Schraege, Lochbild	97-09-17 KN
LTR	REVISIONS	FOR PREVIOUS REVISIONS SEE MRI LIST

MOLEX EUROPE		SHEET NO.	DATE
PART NO.		DWG NO.	SIZE
SDA-85042-0001		2 OF 2	96/04/30

