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Part Number:

0850420282

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style C, 96 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)

96

Circuits (maximum)

96

Circuits Detail

Rows A, B, & 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

1A

Data Rate

622.0 Mbps

Real Signals (per 25mm)

29

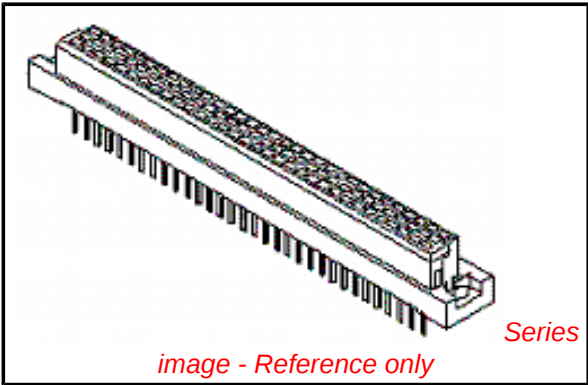
Shielded

No

Voltage - Maximum

250V AC (RMS)

Material Info



EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

Not Reviewed

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.

China RoHS



Search Parts in this Series
85042Series

Mates With
DIN 41612 Headers 85003 , 85013

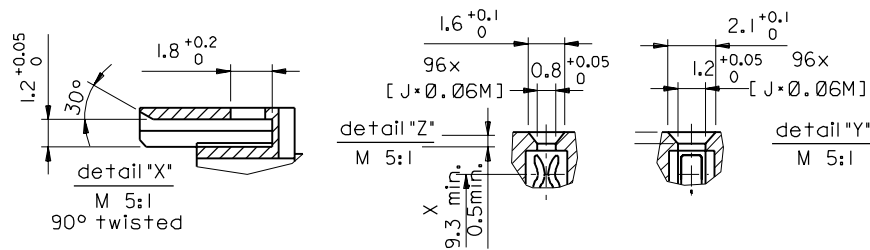
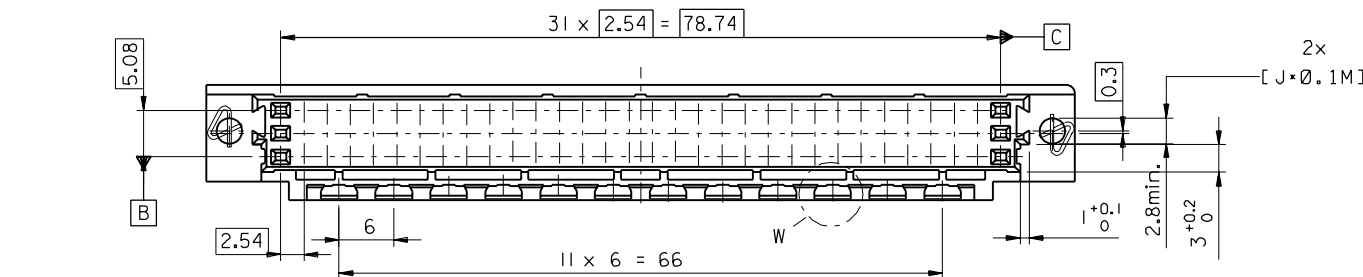
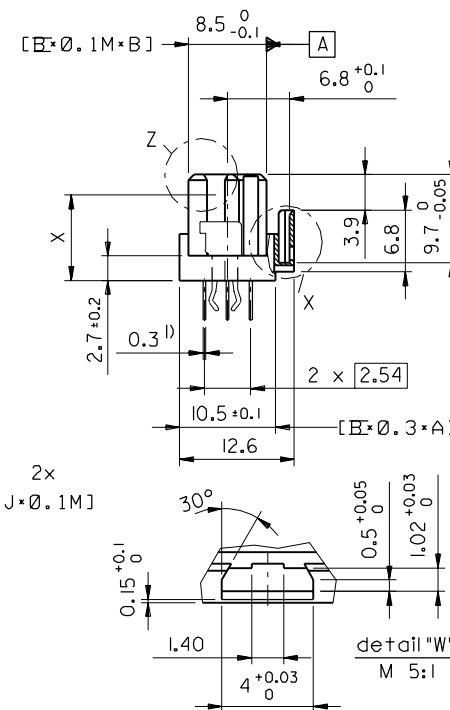
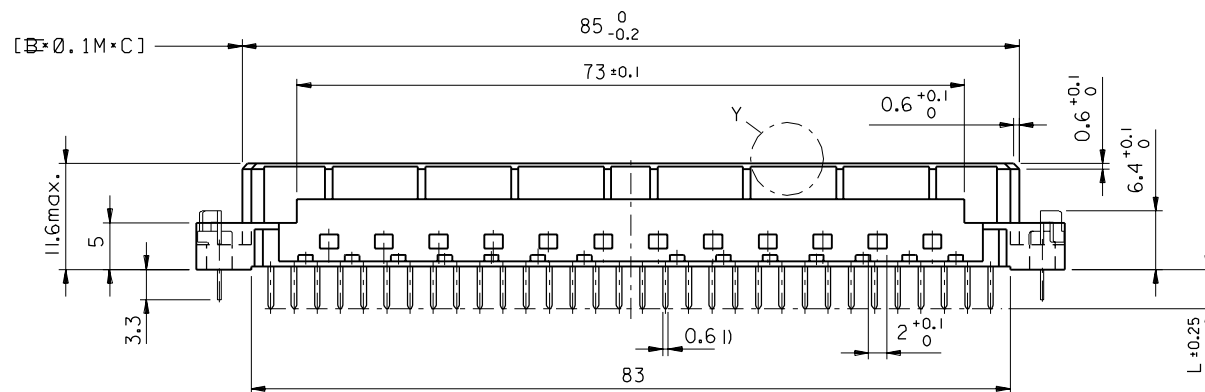
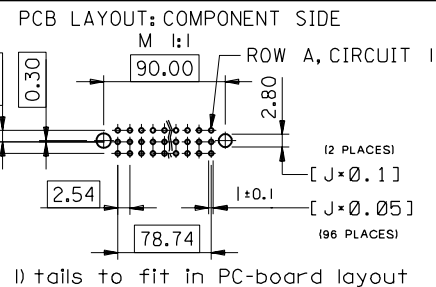
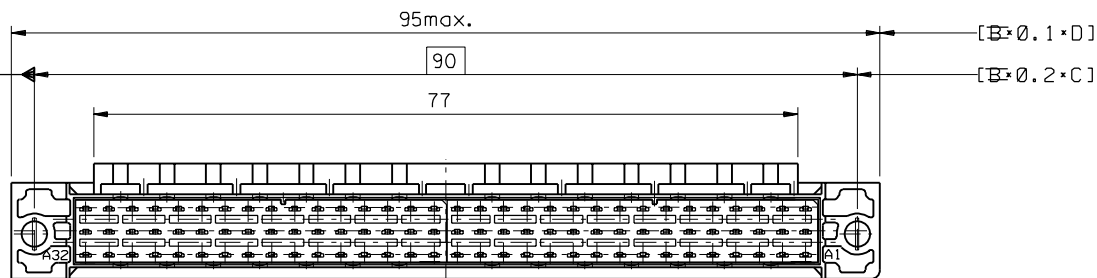
Reference - Drawing Numbers

Sales Drawing

SDA-85042-0001, SDA-85042-0282

This document was generated on 05/17/2010

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REVISIONS 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 85042000 s12	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
	INCH METRIC		KN			
	3 PLACE ± ±	CHK'D BY	SIGN	TITLE		
	2 PLACE ± ±	Ca		96 pos. female connector DIN 41612 style C, + clip with coding, dimensions		
	1 PLACE ± ±	APP'D BY	SIGN			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		JB	 MOLEX EUROPE	
	DESIGN DIMENSION ☒ MM ☐ IN.	EQUIVALENT DIMENSION ☐ MM ☐ IN.	SCALE	PART NO.	DWG. NO.	SIZE
	IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS DIMENSIONED		2:1	SDA-85042-0001		B

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