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Part Number:

0850400050

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style B, 64 Circuits, Lead free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85042-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

85040

Daughtercard

No Mounting Clips. No Flux Proof

PCB Receptacle

din_41612

IEC 603-2/DIN 41612

B

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

64

64

Standard Contacts at A:a1-a32; B:b1-b32

400

No

94V-0

No

Yes

32

Open Pin Field

2

Vertical

0.177 In

4.50 mm

No

Yes

0.063 In, 0.157 In

1.60 mm, 4.00 mm

Bag

0.100 In

2.54 mm

0.100 In

2.54 mm

Yes

No

No

-55°C to +125°C

Through Hole

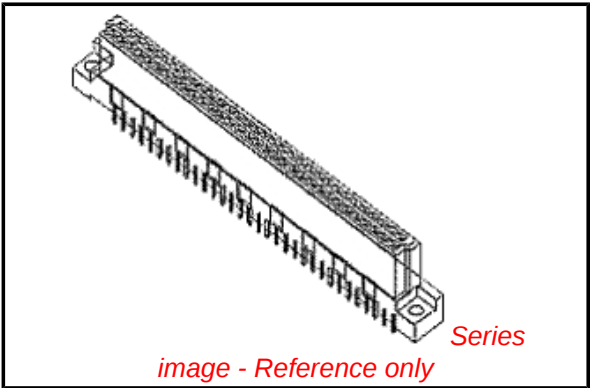
Electrical

Current - Maximum per Contact

Data Rate

1A

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](#) , [85011](#)

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

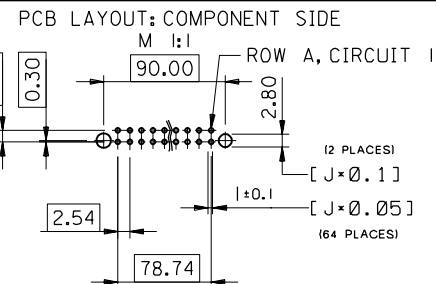
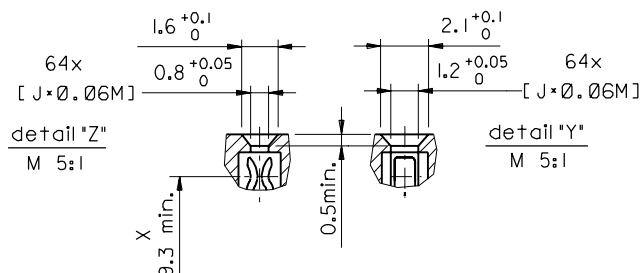
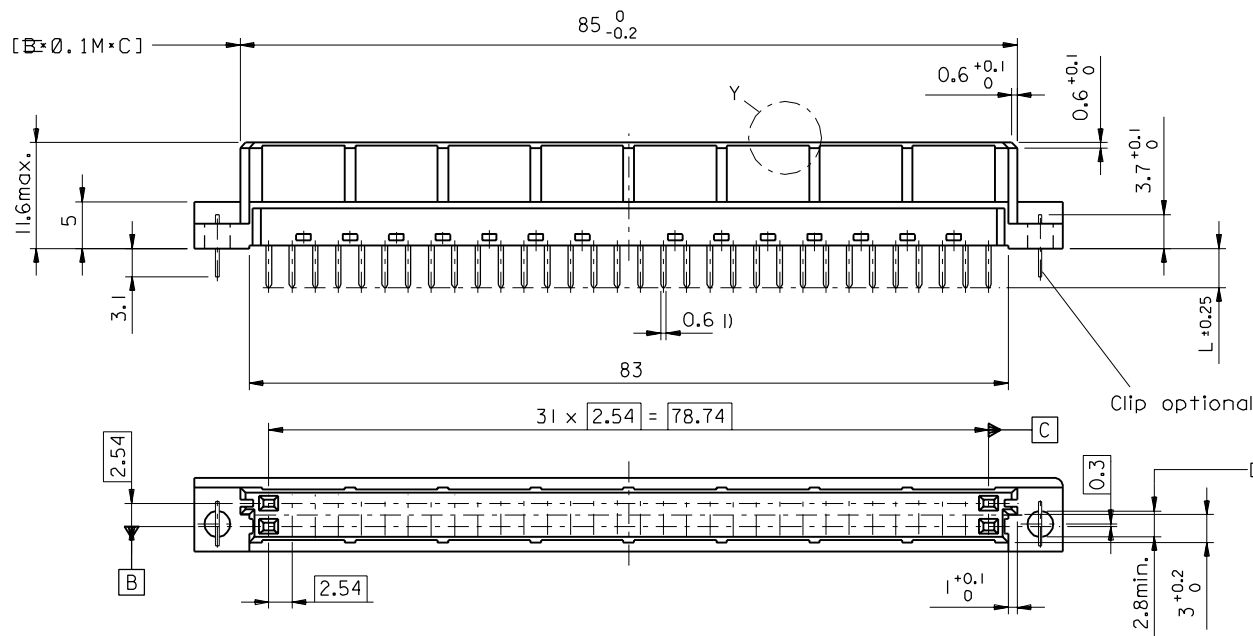
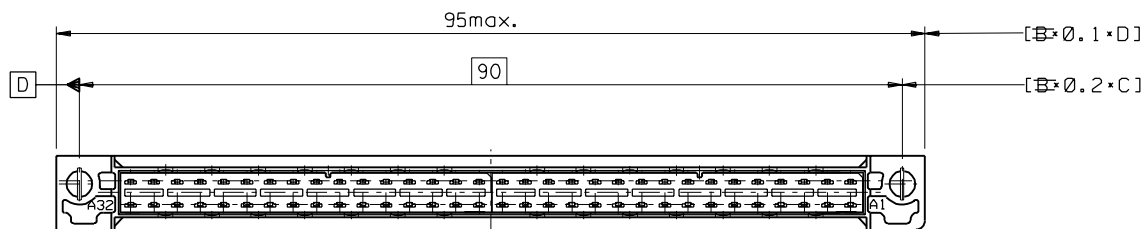
Material Info

Reference - Drawing Numbers

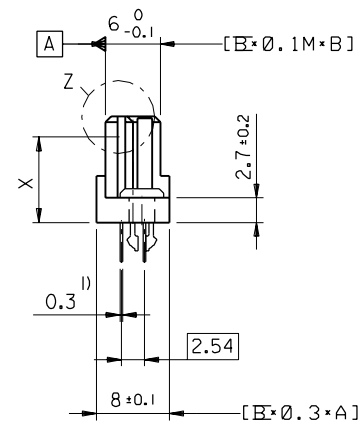
Product Specification	PS-85042-001
Sales Drawing	SDA-85040-0001, SDA-85040-0050

This document was generated on 05/17/2010

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1) tails to fit in PC-board layout



FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

SH. REV.

REVISIONS FOR PREVIOUS EDITIONS	LTR	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°		DRWG BY KN	SIGN
		INCH METRIC			
		3 PLACE ±	±		
		2 PLACE ±	±		
		1 PLACE ±	±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				CHK'D BY Ca	SIGN
DESIGN DIMENSION ☒ MM ☐ IN.					
EQUIVALENT DIMENSION ☐ MM ☐ IN.					
SCALE					
2:1					

CADCAM PROJECT NAME 85040000 611		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
TITLE 64 pos. Female connector DIN 41612 style B + clip Dimensions			
 MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 95/11/14
PART NO.		DWG NO. SDA-85040-0001	SIZE B

VIEW ON MATING SIDE

1	▷	▷
2	▷	▷
3	▷	▷
4	▷	▷
5	▷	▷
6	▷	▷
7	▷	▷
8	▷	▷
9	▷	▷
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30	▷	▷
31	▷	▷
32	▷	▷

A = 64 CONTACTS L = 4.5

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85040-0001 sht.1
Technical Data	PS-85042-0001

ECN 2264 Produkt spec. 96-10-18 KN	REVISIONS	FOR PREVIOUS REVISIONS SEE MRJ LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRAWG BY	SIGN	REVISION ONLY ON CAD SYSTEM		SH.	REV.
		INCH		METRIC							
		3 PLACE $\pm$.	$\pm$	CHK'D BY	SIGN	Ca	CAD/CAM PROJECT NAME s85040000 s51	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	TITLE 64 pos. female connector acc. DIN 41612 style B contacts arrangement		
		2 PLACE $\pm$.	$\pm$								
		1 PLACE $\pm$.	$\pm$	KN							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SIGN						
		DESIGN DIMENSION ☐ MM ☐ IN.									
		EQUIVALENT DIMENSION ☐ MM ☐ IN.									
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY									
	LTR	REV. NO.		DWG NO.		SIZE					
		85040-0050		SDA-85040-0050		A					