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Part Number:

0850401005

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style B/2, 16 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/2

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

16

16

Rows A & B

400

No

94V-0

No

Yes

8

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

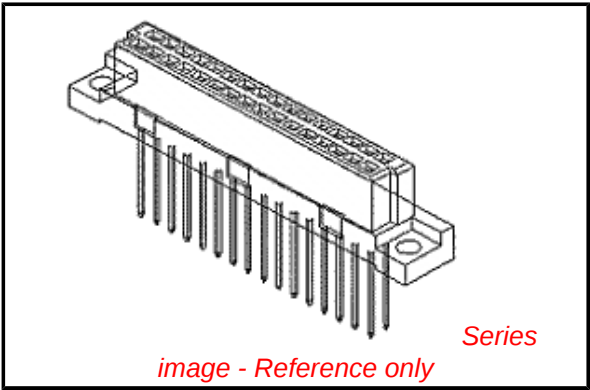
Electrical

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)

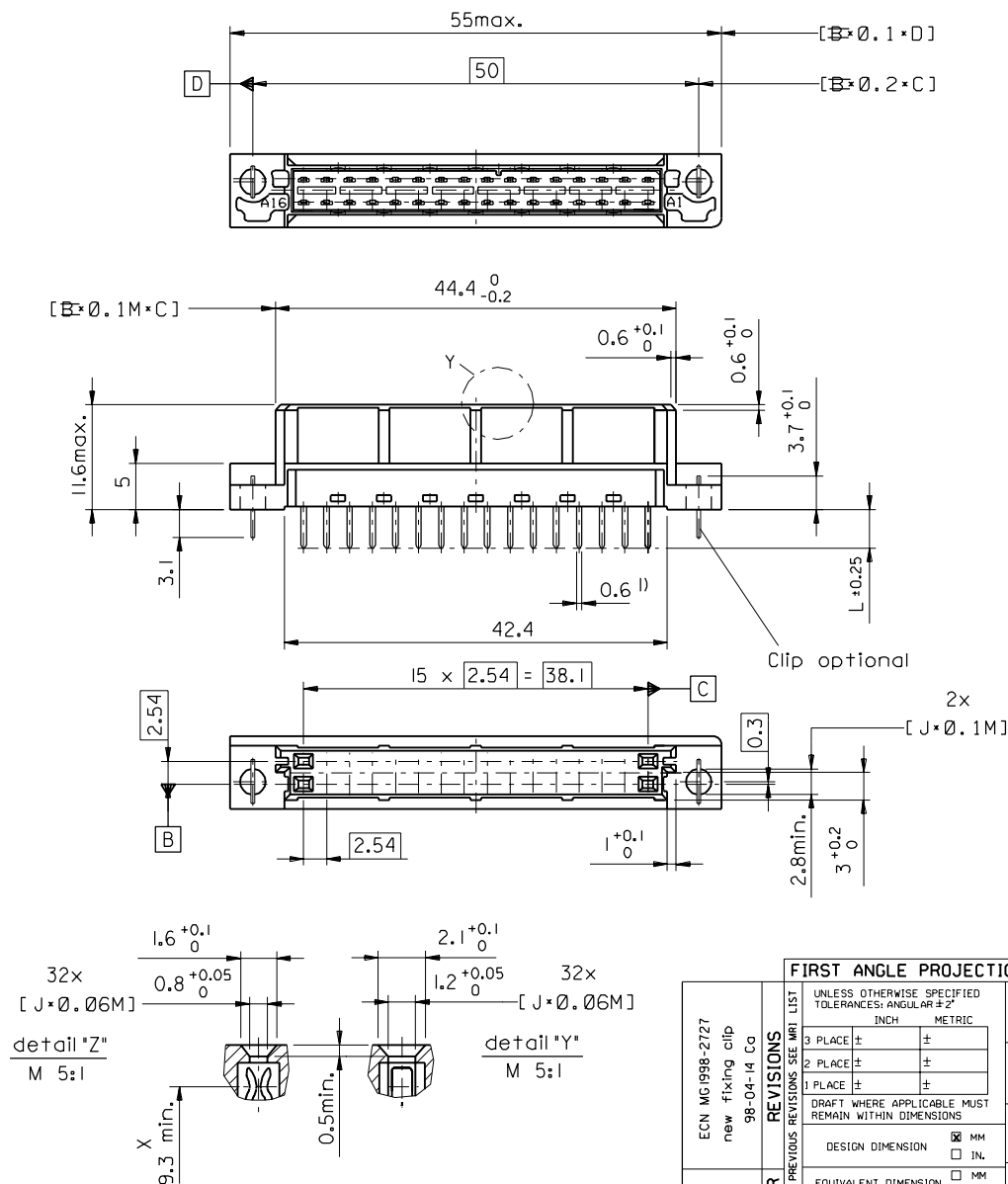
Material Info

Reference - Drawing Numbers

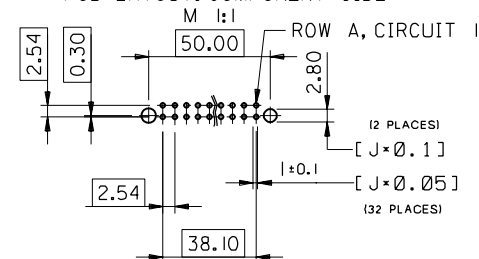
Product Specification	PS-85042-001
Sales Drawing	SDA-85040-0002, SDA-85040-1005

This document was generated on 05/17/2010

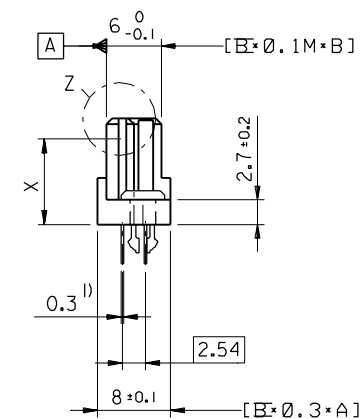
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PCB LAYOUT: COMPONENT SIDE



1) tails to fit in PC-board layout



FIRST ANGLE PROJECTION

LIST FOR PREVIOUS REVISIONS SEE MATERIAL	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRAWN BY	SIGN
	INCH METRIC		KN	
	3 PLACE $\pm$	$\pm$	CHK'D BY	SIGN
	2 PLACE $\pm$	$\pm$	Ca	
	1 PLACE $\pm$	$\pm$	APP'D BY	SIGN
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
DESIGN DIMENSION		☒ MM ☐ IN.	FB	
EQUIVALENT DIMENSION		☐ MM ☐ IN.	SCALE	
IF TWO DIMENSIONS ARE SHOWN THE OPERATOR IS TO FOLLOW THE DIMENSION SHOWN IN PARENTHESES				
			2:1	

REVISE ONLY ON CAD SYSTEM

CAD/CAM PROJECT NAME 85040000 821		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
TITLE 32pos. Female connector DIN 41612 style B/2, with clip. Dimensions			
 MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 96/04/23
PART NO.		DWG. NO. SDA-85040-0002	SIZE B

VIEW ON MATING SIDE

∞	A	A	A	A	A	A	A	A	A
◁	A	A	A	A	A	A	A	A	A
↵	↵	↵	↵	↵	↵	↵	↵	↵	↵

A = 16 CONTACTS L=4,5

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85040-0002 sht.I
TechnicalData	PS-85042-0001

A	G2/0	a2,4,6...l6	b2,4,6...l6		
Contact symbol	Perform. level	Contact position number			

ECN 2264 Produktspec. 96-10-18 KN	FOR PREVIOUS REVISIONS SEE MRL LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2° INCH METRIC		DRWG BY	SIGN	CAD/CAM PROJECT NAME s8504010 s01				REVISE ONLY ON CAD SYSTEM		SH.	REV.
	REVISIONS		3 PLACE ± •		±	CHK'D BY	SIGN	TITLE 32 pos. female connector acc. DIN 41612 style B/2 contacts arrangement						
			2 PLACE ± •		±									
			1 PLACE ± •		±									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SIGN								
			DESIGN DIMENSION		☐ MM ☐ IN.			MOLEX EUROPE		SHEET NO.	DATE			
			EQUIVALENT DIMENSION		☐ MM ☐ IN.	SCALE								
			IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY											

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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