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Part Number:

0850401079

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style B/2, 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	No Mounting Clips. No Flux Proof
Component Type	PCB Receptacle
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	B/2
Physical	
Circuits (Loaded)	32
Circuits (maximum)	32
Circuits Detail	Rows A & B
Durability (mating cycles max)	50
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 , 85011

Real Signals (per 25mm)	20
Shielded	No
Voltage - Maximum	250V AC (RMS)
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-85042-001
Sales Drawing	SD-85040-1079, SDA-85040-0002

This document was generated on 05/17/2010

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VIEW ON MATING SIDE

A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

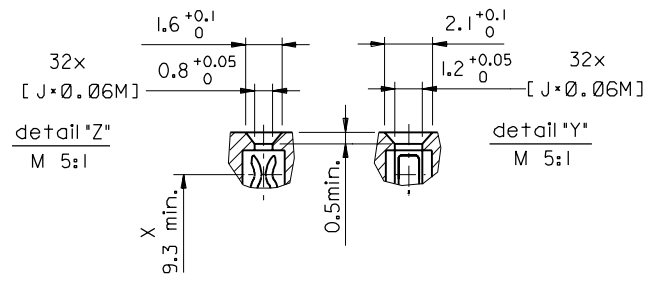
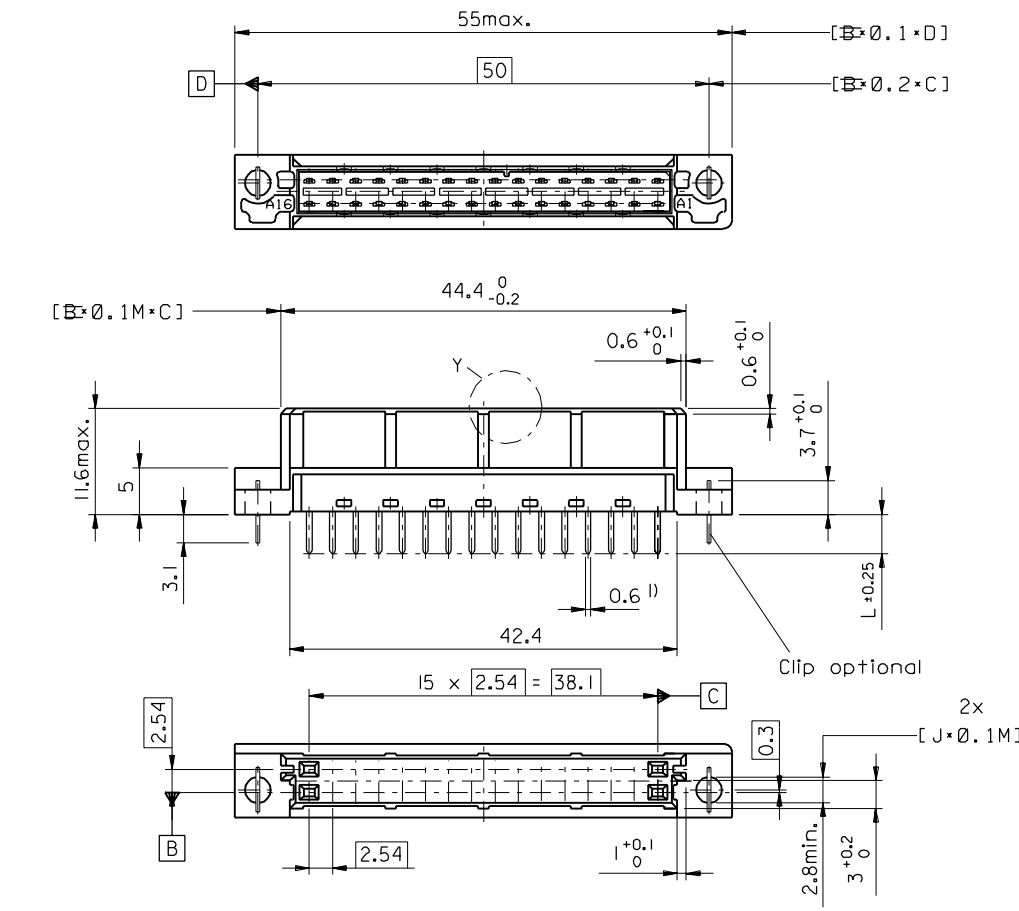
A = 32 CONTACTS L=2,9

Marking	Standard
Performance level	G3/0 = Contact area level3 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85040-0002 sht.1
Technical Data	PS-85042-0001

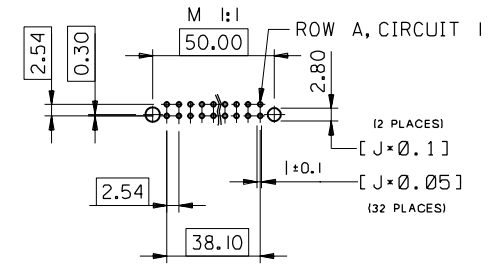
ECN 2543 first release	REVISIONS	FOR PREVIOUS REVISIONS SEE MRL LIST				UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRAWG BY KN	SIGN	REVISE ONLY ON CAD SYSTEM			SH.	REV.
		INCH		METRIC		CAD/CAM PROJECT NAME s8504010 s71				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		3 PLACE $\pm$. $\pm$	$\pm$	CHK'D BY	SIGN	TITLE 32 pos. female connector acc. DIN 41612 style B/2 contacts arrangement								
		2 PLACE $\pm$. $\pm$	$\pm$	Ca										
A	LTR	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY JB	SIGN	MOLEX® MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 97/07/22	PART NO. 85040-1079	DWG NO. SD-85040-1079	SIZE A		
		DESIGN DIMENSION	☐ MM ☐ IN.	SCALE										
		EQUIVALENT DIMENSION	☐ MM ☐ IN.	IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY										

PART NO.
DWG. NO.

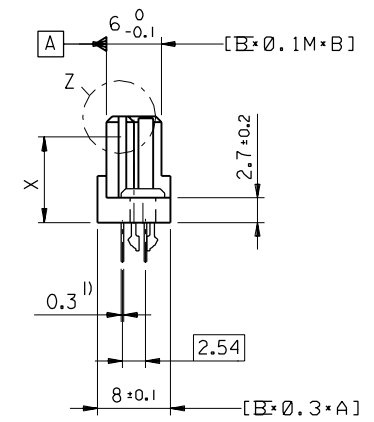
7132-1283



PCB LAYOUT: COMPONENT SIDE



1) tails to fit in PC-board layout



FIRST ANGLE PROJECTION

LTR	FOR PREVIOUS REVISIONS SEE MRI LIST	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			
		DESIGN DIMENSION	☒ MM ☐ IN.		
		EQUIVALENT DIMENSION	☐ MM ☐ IN.		
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY			

ECN MG1998-2727 new fixing clip 98-04-14 Ca	LTR	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°		DRWG BY KN	SIGN	CAD/CAM PROJECT NAME 85040000 821	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		INCH METRIC										
		3 PLACE ±	±									
		2 PLACE ±	±									
		1 PLACE ±	±									
C		LTR	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHK'D BY Ca	SIGN	TITLE 32pos. Female connector DIN 41612 style B/2, with clip, Dimensions	SHEET NO. DATE 1 OF 1 96/04/23				
			DESIGN DIMENSION	☒ MM ☐ IN.								
			EQUIVALENT DIMENSION	☐ MM ☐ IN.								
			IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY									
			SCALE 2:1		APP'D BY FB	SIGN	MOLEX EUROPE	SIZE B				

REVISE ONLY ON CAD SYSTEM

CADCAM PROJECT NAME 85040000 s21		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 MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 96/04/23
PART NO.	DWG NO.	SIZE	
	SDA-85040-0002	B	