

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850401005

Status:

Active

Overview:

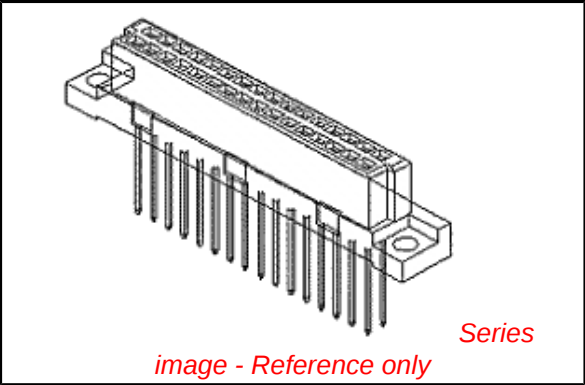
din_41612

Description:

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

Documents:	
3D Model	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)	16
Circuits (maximum)	16
Circuits Detail	Rows A & B
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	8
Number of Pairs	Open Pin Field
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.177 In
PC Tail Length (mm)	4.50 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)

Material Info

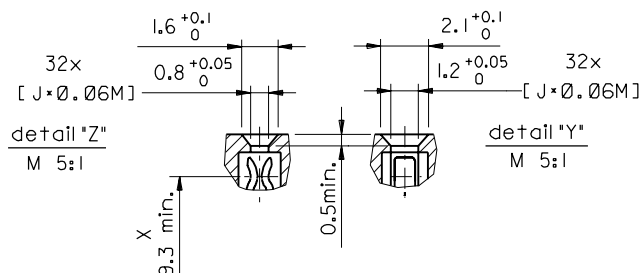
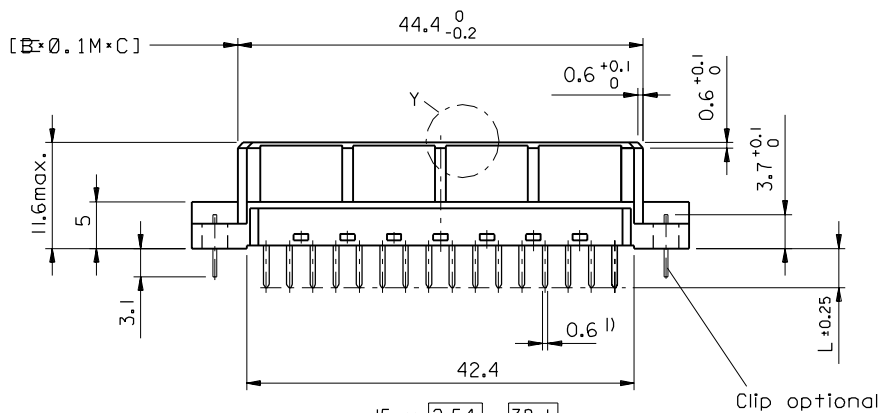
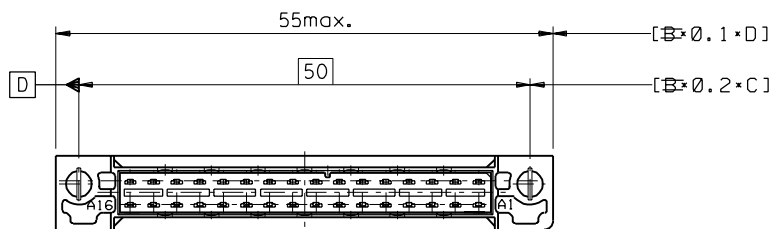
Reference - Drawing Numbers

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

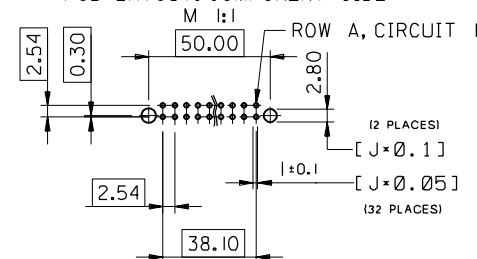
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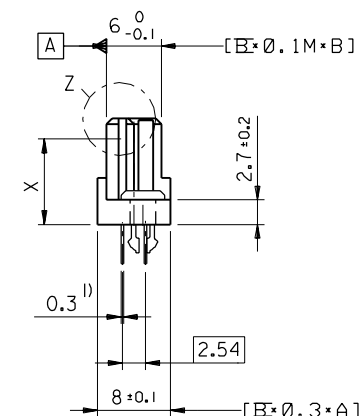
PART NO.
DWG. NO.



PCB LAYOUT: COMPONENT SIDE



1) tails to fit in PC-board layout



FIRST ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°	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		

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	SH.	REV.
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. SDA-85040-0002	SIZE B

VIEW ON MATING SIDE

[illegible]

$A = 16$ 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 stht.l
TechnicalData	PS-85042-0001

A	G2/0	a2,4,6...16	b2,4,6...16
Contact symbol	Perform. level	Contact position number	

[illegible]