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Part Number:

0850132000

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Style R/2 Reverse, 32 Circuits

Documents:	
3D Model	Product Specification PS-85013-0001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85013
Application	Daughtercard
Comments	4 Day Industrial Environment (S02)
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R/2
Physical	
Circuits (Loaded)	32
Circuits (maximum)	48
Circuits Detail	Rows A & C
Durability (mating cycles max)	500
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	3
Orientation	Vertical
PC Tail Length (in)	0.114 In
PC Tail Length (mm)	2.90 mm
PCB Locator	No
PCB Retention	Yes
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	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Electrical	
Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Shield Type	N/A
Shielded	No
Voltage - Maximum	1000V (RMS)

EU RoHS

China RoHS

Compliance Status

Not Reviewed

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.

Search Parts in this Series

85013Series

Mates With

85042 , 85052 Backplane Header

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-85013-0001
SD-85013-2000, SDA-85013-0002, SDA-85013-2000

This document was generated on 05/17/2010

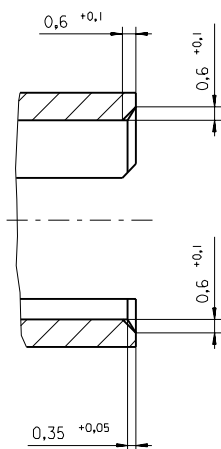
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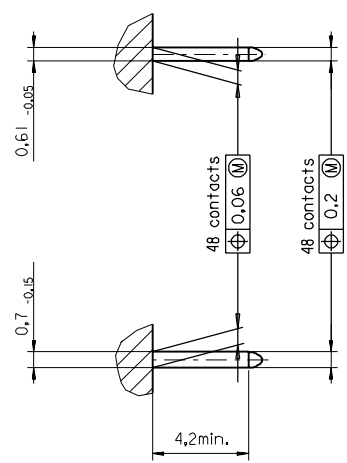
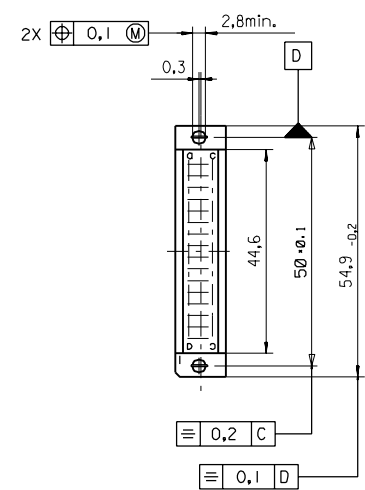
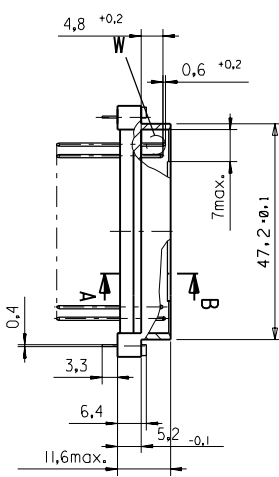
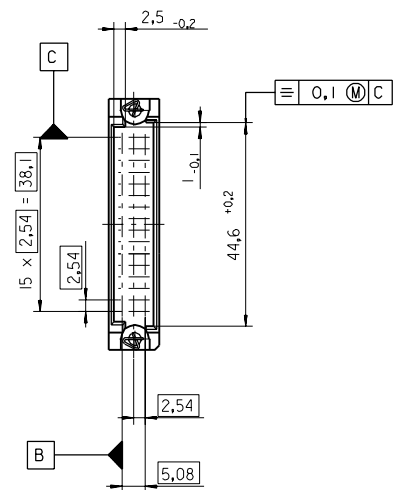
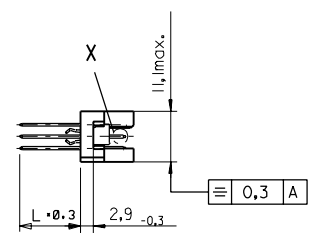
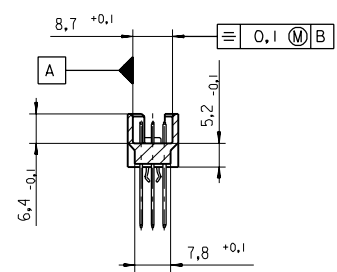
E

DCB

A



Section A - B
5:1



View X
5:1

View W
5:1

first release see ECN No. 1887	LTR	REVISIONS		FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.	
		FOR PREVIOUS REVISIONS SEE MRI LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°	DRWG BY Ca	SIGN	CAD/CAM PROJECT NAME 85013000 621		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		3 PLACE ± .		INCH	METRIC	CHK'D BY KN	SIGN	TITLE 48 pos. Male connector acc. DIN 41612 style R/2 Dimensions		
		2 PLACE ± .		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SIGN	MOLEX EUROPE		SHEET NO. 1 OF
BI	LTR	DESIGN DIMENSION		☒ MM	SCALE	PART NO.		DWG NO.	DATE	
		EQUIVALENT DIMENSION		☐ IN.		SDA-85013-0002		95/06/08	SIZE B	
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY		☐ MM						

W

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