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Part Number:

0850133093

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R, 1.0µm (39µ") Selective Gold (Au), 96 Circuits

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

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85013
Application	Backplane
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R
Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
Circuits Detail	Standard Contacts A at: a1-a32;b3-b19,b21-b30;c1-c32 . First- Mate-Last-Break at Contacts Z at b1,b2,b20,b31,b32
Durability (mating cycles max)	500
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Plating Mating	Gold
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.90 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Carton
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
Plating min: Mating (µin)	39
Plating min: Mating (µm)	1
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole
Electrical	

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

85052 Receptacle

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Shielded	No
Voltage - Maximum	1000V (RMS)

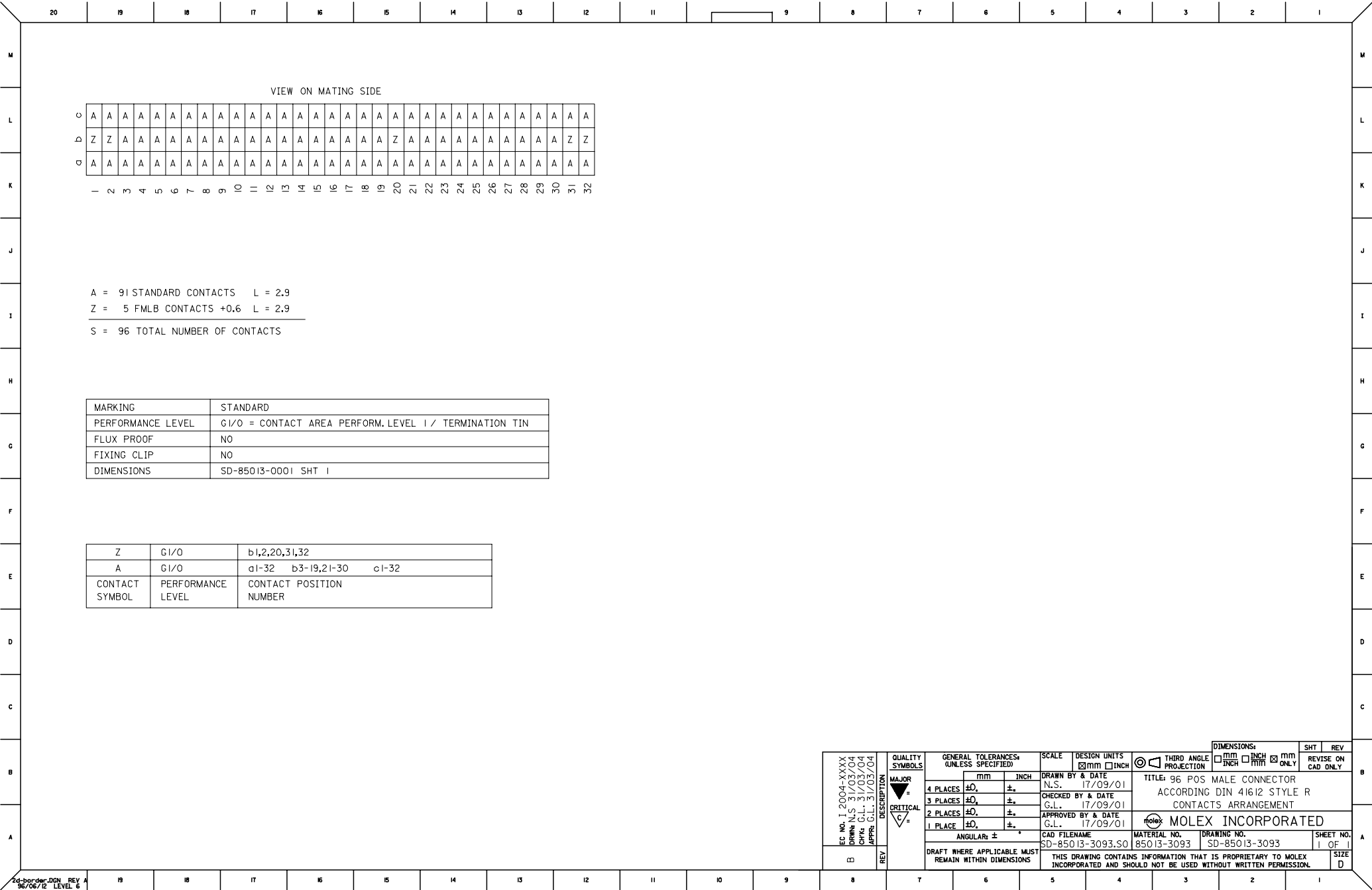
Material Info

Reference - Drawing Numbers

Product Specification	PS-85013-0001
Sales Drawing	SD-85013-3093, SDA-85013-0001, SDA-85013-3093

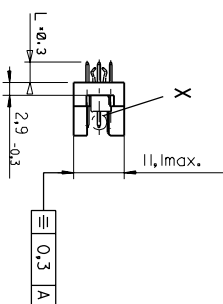
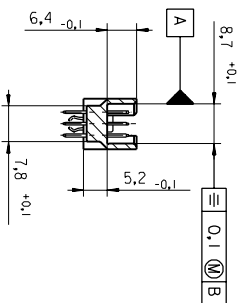
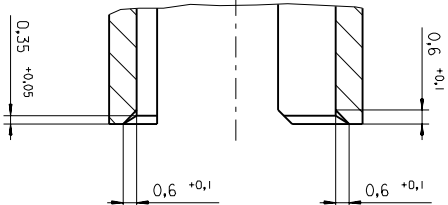
This document was generated on 05/17/2010

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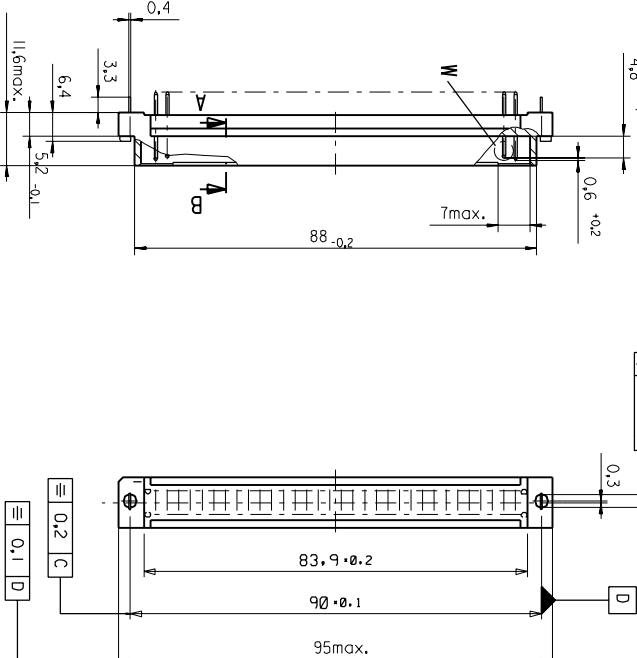
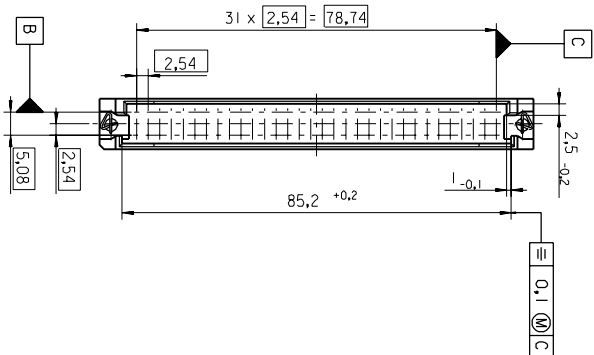
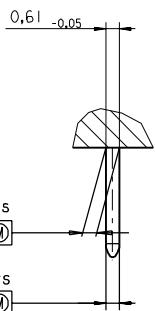


PART NO.
DWG. NO.

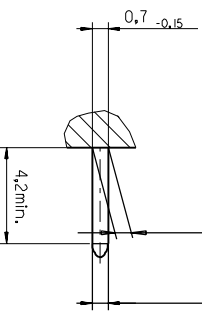
Section A - B
5:1



View X
5:1



View W
5:1



first release see ECN No. I887		REVISIONS		FIRST ANGLE PROTECTION		REVISE ONLY ON CAD SYSTEM		SH. REV.	
LTR		FOR PREVIOUS REVISIONS SEE MRI LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 2°		CAD/CAI PROJECT NAME 8501000		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
3 PLACE ± .		INCH		BY		SIGN		TITLE	
2 PLACE ± .		METRIC		BY		SIGN		96 pos. Male connector	
1 PLACE ± .		±		BY		SIGN		acc. DIN 41612 Style R	
REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST		BY		SIGN		Dimensions	
DESIGN DIMENSION		□ IN.		BY		SIGN		PART NO.	
EQUIVALENT DIMENSION		□ MM		BY		SIGN		MOLEX EUROPE	
SCALE		1:1		BY		SIGN		DWG. NO.	
1:1		1:1		BY		SIGN		SDA-85013-0001	
SHEET NO.		DATE		BY		SIGN		95/06/07	
1 OF		95/06/07		BY		SIGN		SIZE	
B		B		B		B		B	

7132-1283

[illegible]

Marking	Standard
Performance level	GI/0 = Contact area perform. level I / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85013-0001 sht.1
Technical Data	PS-85013-0001

Z	G1/0	b1,2,20,31,32
A	G1/0	a1-32 b3-19,21-30 c1-32
Contact symbol	Perform. level	Contact position number

A	first release see ECN No. 2362	LTR	FOR PREVIOUS REVISIONS SEE MRI LIST	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$ INCH METRIC <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">3 PLACE</td> <td style="width: 30%; text-align: center;">$\pm$.</td> <td style="width: 30%; text-align: center;">$\pm$</td> </tr> <tr> <td>2 PLACE</td> <td style="text-align: center;">$\pm$.</td> <td style="text-align: center;">$\pm$</td> </tr> <tr> <td>1 PLACE</td> <td style="text-align: center;">$\pm$.</td> <td style="text-align: center;">$\pm$</td> </tr> </table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	3 PLACE	$\pm$.	$\pm$	2 PLACE	$\pm$.	$\pm$	1 PLACE	$\pm$.	$\pm$	DRWG BY Ca	SIGN	REVISE ONLY ON CAD SYSTEM				SH.	REV.
					3 PLACE	$\pm$.	$\pm$														
					2 PLACE	$\pm$.	$\pm$														
					1 PLACE	$\pm$.	$\pm$														
CAD/CAM PROJECT NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
TITLE		96 pos. Male connector acc. DIN 41612 style R contacts arrangement																			
APP'D BY JB		SIGN																			
		SCALE																			
		DESIGN DIMENSION ☐ MM ☐ IN.																			
		EQUIVALENT DIMENSION ☐ MM ☐ IN.																			
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY																			