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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

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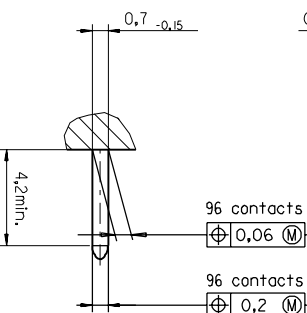
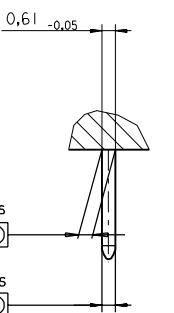
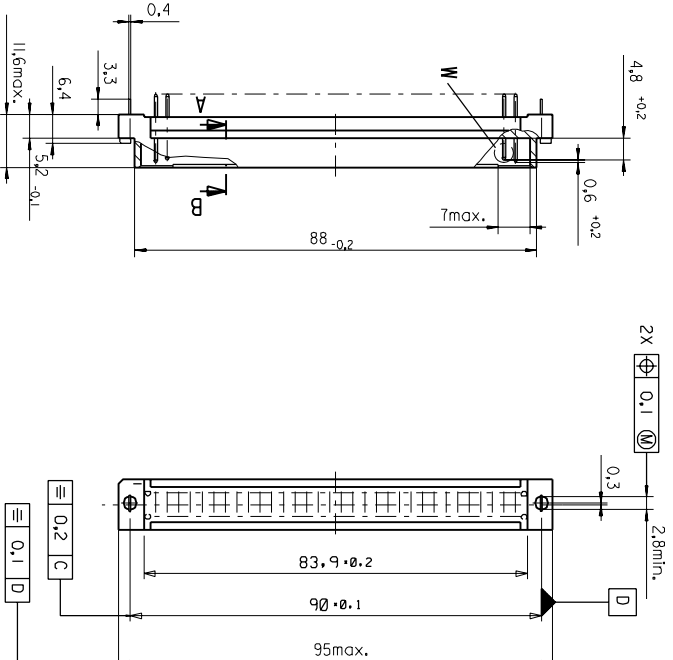
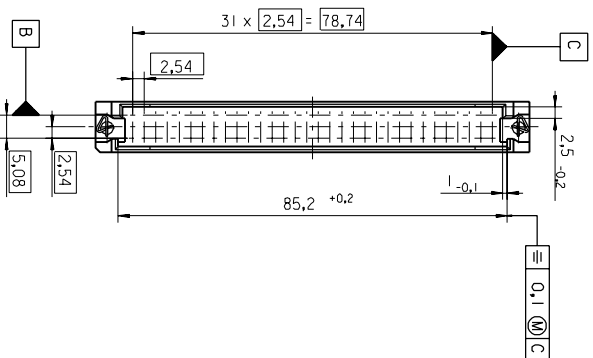
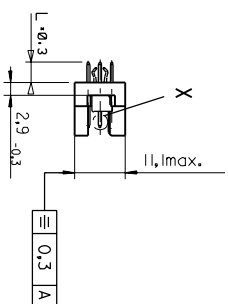
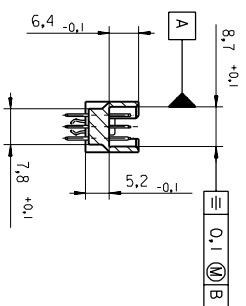
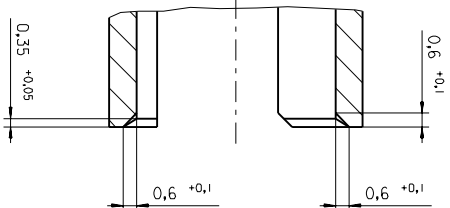
A =	91 STANDARD CONTACTS	L = 2.9
Z =	5 FMLB CONTACTS +0.6	L = 2.9
S =	96 TOTAL NUMBER OF CONTACTS	

MARKING	STANDARD
PERFORMANCE LEVEL	G1/O = CONTACT AREA PERFORM. LEVEL 1 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85013-0001 SHT 1

Z	G1/O	b1,2,20,31,32		
A	G1/O	a1-32	b3-19,21-30	c1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER		

		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		DIMENSIONS:			SHIT / REV	
												mm	inch	mm ONLY	REVISION ON CAD ONLY	
			MAJOR CRITICAL		mm INCH	DRAWN BY & DATE	N.S.	TITLE	96 POS MOLEX CONNECTOR ACCORDING DIN 4162 STYLE R CONTACTS ARRANGEMENT							
				4 PLACES ±0. ±.	CHECKED BY & DATE	G.L. 17/09/01	APPROVED BY & DATE	G.L. 17/09/01	MOLEX INCORPORATED							
				3 PLACES ±0. ±.	CAD FILENAME	MATERIAL NO.	DRAWING NO.	SHEET NO.								
				2 PLACES ±0. ±.	8D-85103-3093.50	85103-3093	8D-85103-3093	1 OF 1								
				1 PLACE ±0. ±.	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE
				ANGULAR ± °												

Section A - B
5:1



FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM	SU.	REV.
				
UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 2°		CAD/CAM PROJECT NAME 85013000 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
INCH METRIC		TITLE 96 pos. Mole connector occ. DIN 41612 Style R Dimensions		
3 PLACE ± 2 PLACE ± 1 PLACE ±	± ± ±	DRWG BY Cd CHK'D BY KN APP'D BY	SIGN SIGN	
DRAFT WHENEVER APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
DESIGN DIMENSION ☐ IN ☒ MM	SCALE 1:1	SHEET NO. DATE 95/06/07		
EQUIVALENT DIMENSION ☐ IN ☒ MM		PART NO. DWG NO. SIZE SDA-85013-0001 B		
first release see ECN No. 1887				
REVISIONS FOR PREVIOUS REVISIONS SEE MRI LIST				
LTR				
A				

	C	D	E
1	A	Z	A
2	A	Z	A
3	A	A	A
4	A	A	A
5	A	A	A
6	A	A	A
7	A	A	A
8	A	A	A
9	A	A	A
10	A	A	A
11	A	A	A
12	A	A	A
13	A	A	A
14	A	A	A
15	A	A	A
16	A	A	A
17	A	A	A
18	A	A	A
19	A	A	A
20	A	Z	A
21	A	A	A
22	A	A	A
23	A	A	A
24	A	A	A
25	A	A	A
26	A	A	A
27	A	A	A
28	A	A	A
29	A	A	A
30	A	A	A
31	A	Z	A
32	A	Z	A

Marking	Standard
Performance level	GI/0 = Contact area perform. level I / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85013-0001 sht.I
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 $\pm 2'$ INCH METRIC	DRWG BY	SIGN	REVISE ONLY ON CAD SYSTEM				SH.	REV.		
					Ca CHK'D BY KN APP'D BY JB	SIGN SIGN SIGN	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							
							DESIGN DIMENSION		☐ MM ☐ IN.	SHEET NO.		DATE		
EQUIVALENT DIMENSION		☐ MM ☐ IN.	1 OF 1		96/12/16									
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY		SCALE		PART NO.		DWG NO.		SIZE						
				85013-3093		SDA-85013-3093		A						

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- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
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