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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)

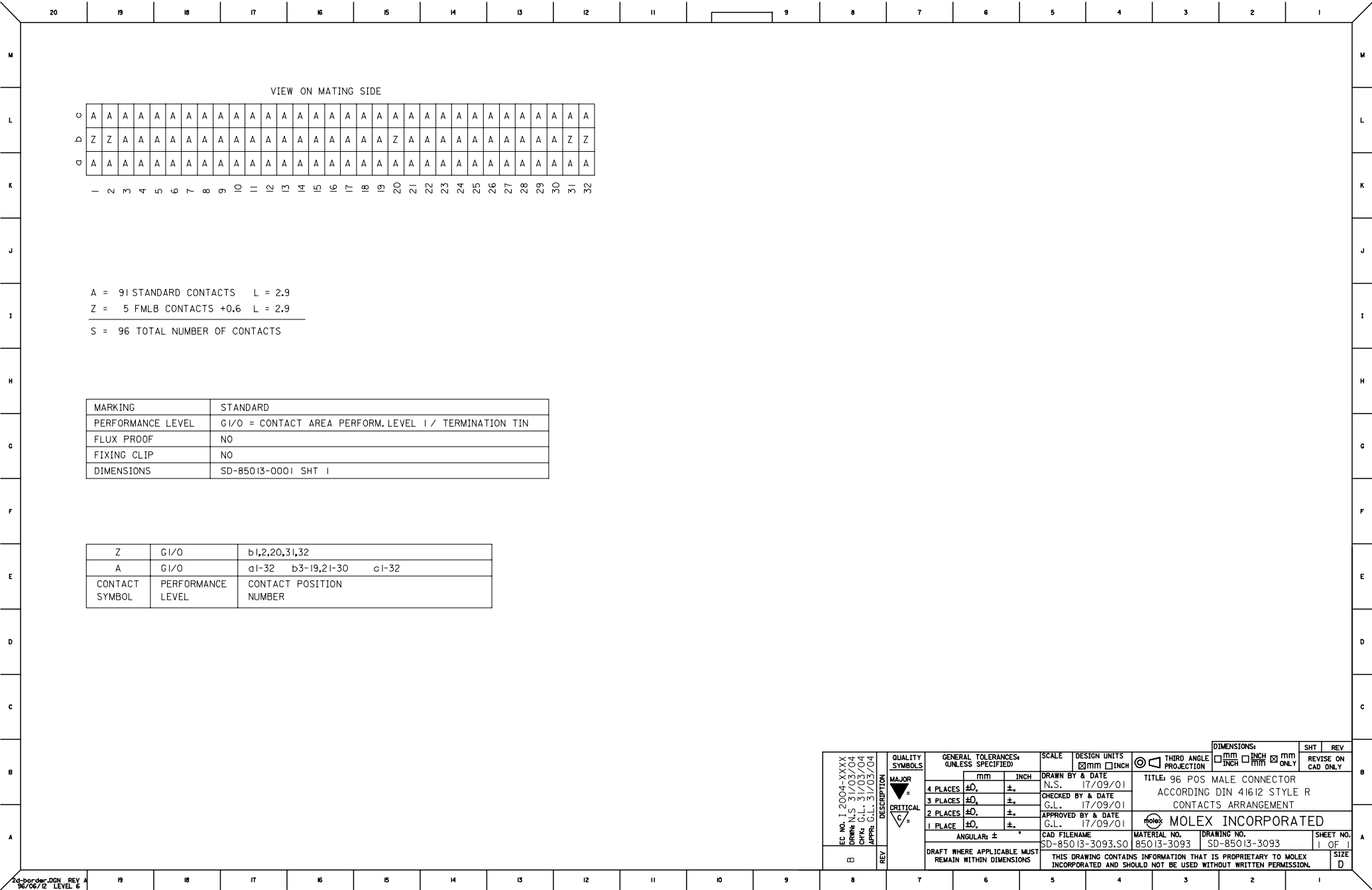
Material Info

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

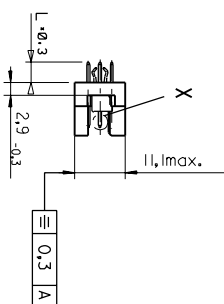
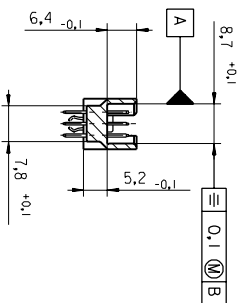
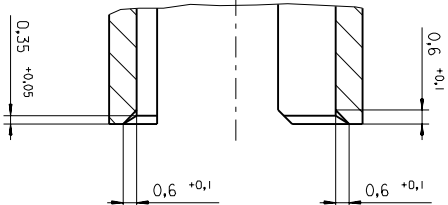
MARKING	STANDARD
PERFORMANCE LEVEL	G I/O = CONTACT AREA PERFORM. LEVEL I / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85013-0001 SHT 1

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

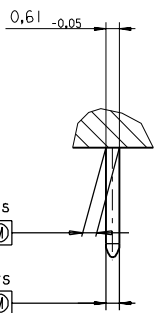
EC NO. I 2004-XXXX DRAWN NS 31/03/04 CHKD G.L. 31/03/04 APPR G.L. 31/03/04			QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES* (UNLESS SPECIFIED)		SCALE	DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH		☐ SMT	☐ REV
												REVISE ON CAD ONLY	
B			REV	ANGULAR ±		DRAWN BY & DATE N.S. 17/09/01		TITLE: 96 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R CONTACTS ARRANGEMENT MOLEX INCORPORATED					
						CHECKED BY & DATE G.L. 17/09/01							
						APPROVED BY & DATE G.L. 17/09/01							
				CAD FILENAME SD-85013-3093.S0		MATERIAL NO. 85013-3093		DRAWING NO. SD-85013-3093		SHEET NO. 1 OF 1		SIZE D	
			DRAFT HEREIN APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								

PART NO.
DWG. NO.

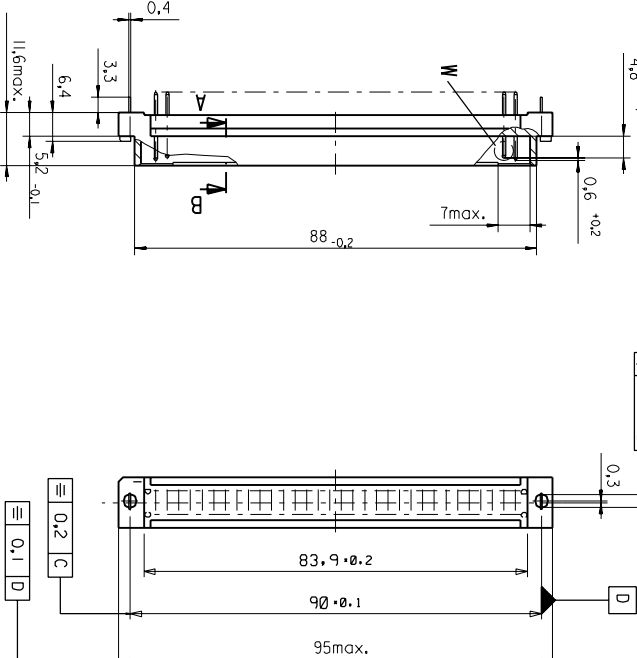
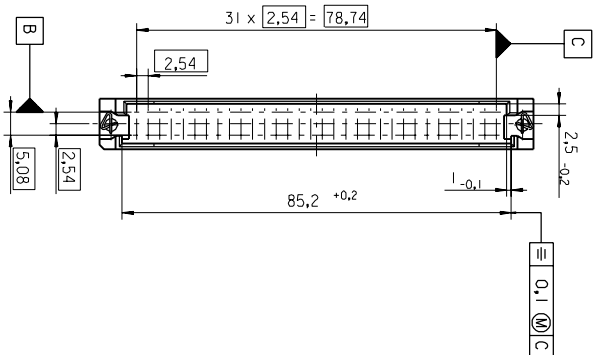
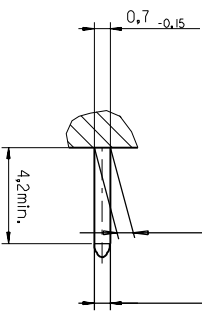
Section A - B
5:1



View X
5:1



View W
5:1



FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH. REV.	
UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 2°		EQUIVALENT DIMENSION		TITLE	
3 PLACE ± .		INCH		BY	
2 PLACE ± .		MILLIMETER		BY	
1 PLACE ± .		MILLIMETER		BY	
REMAIN WITHIN DIMENSIONS		DESIGN DIMENSION		BY	
FIRST RELEASE see ECN No. 1887		EQUIVALENT DIMENSION		BY	
LTR		SCALE		BY	
A		1:1		BY	
PART NO.		MOLEX EUROPE		SHEET NO.	
SDA-85013-0001		1 OF		DATE	
B		95/06/07		SIZE	
B		A		A	

	A	B	C
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.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 ±2° INCH METRIC	DRWG BY Ca	SIGN	CAD/CAM PROJECT NAME	REVISE ONLY ON CAD SYSTEM			SH.	REV.	
							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	SIGN					
							SCALE						
							DESIGN DIMENSION	☐ MM ☐ IN.					
EQUIVALENT DIMENSION	☐ MM ☐ IN.												
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY													

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Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

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moschip.ru_9