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Part Number: [0850131677](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R Reverse, 0.6µm (24µ") Selective Gold (Au), 64 Circuits, Lead free

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

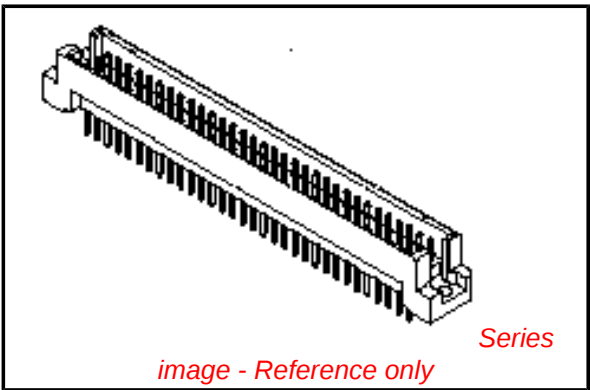
Product Family	Backplane Connectors
Series	85013
Application	Backplane
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R

Physical

Circuits (Loaded)	64
Circuits (maximum)	96
Circuits Detail	Rows A & C
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	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.524 In
PC Tail Length (mm)	13.30 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
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)	24
Plating min: Mating (µm)	0.6
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
Voltage - Maximum	1000V (RMS)



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Halogen-Free
Status**

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

[85013Series](#)

Mates With

[85042](#) DIN 41612 Receptacle . [85052](#) DIN
41612 Header

Material Info

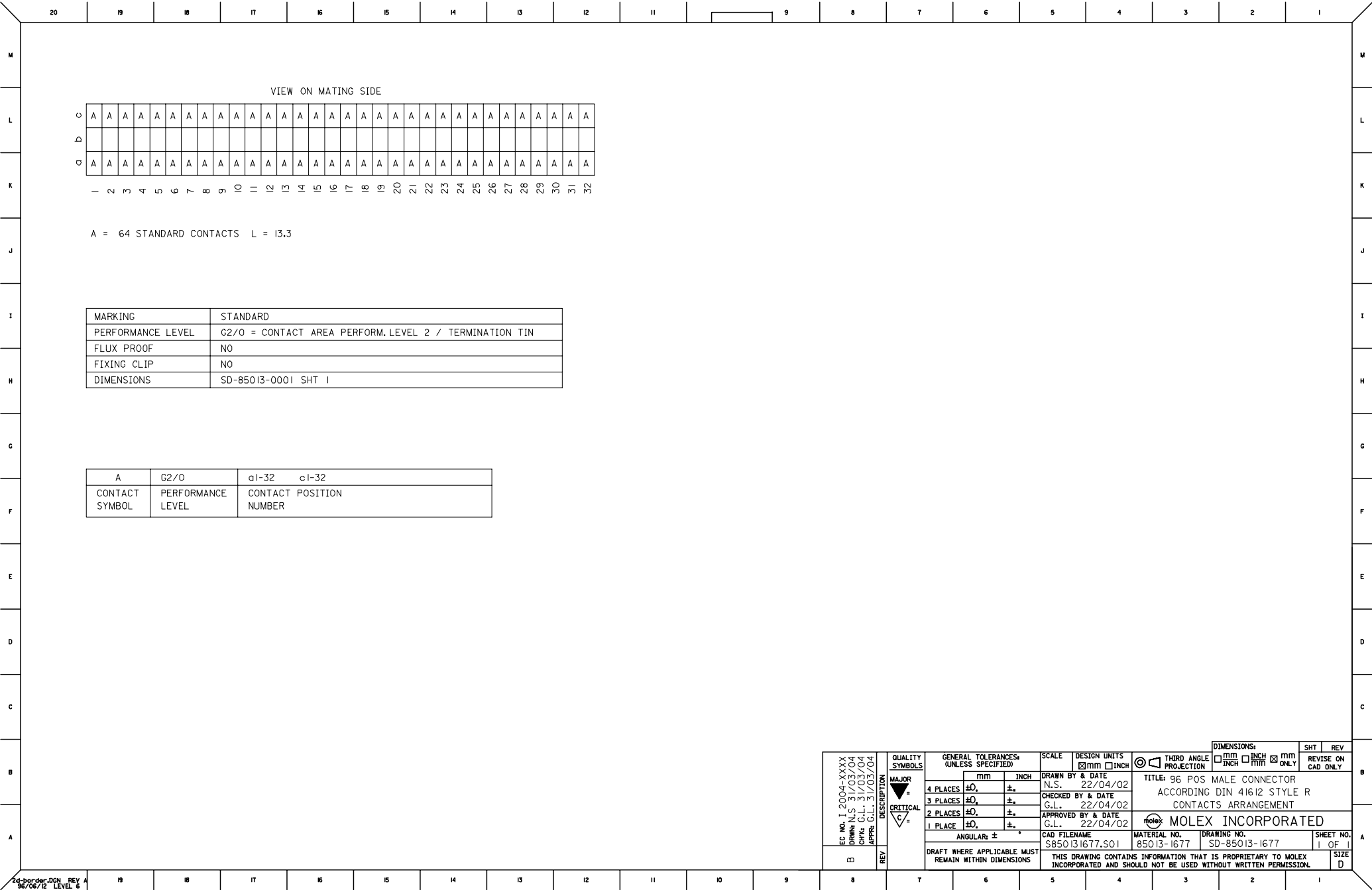
Reference - Drawing Numbers

Product Specification
Sales Drawing

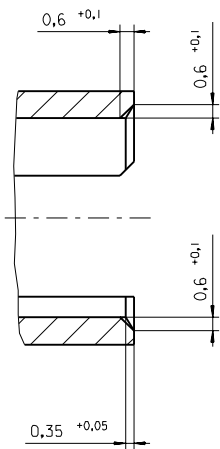
PS-85013-0001
SD-85013-1677, SDA-85013-0001, SDA-85013-1677

This document was generated on 05/17/2010

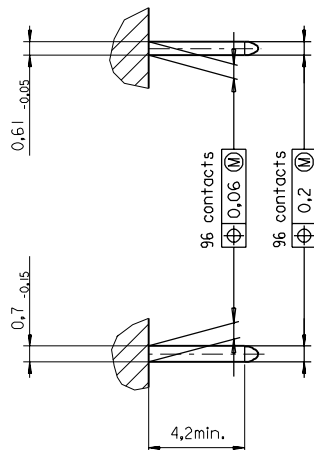
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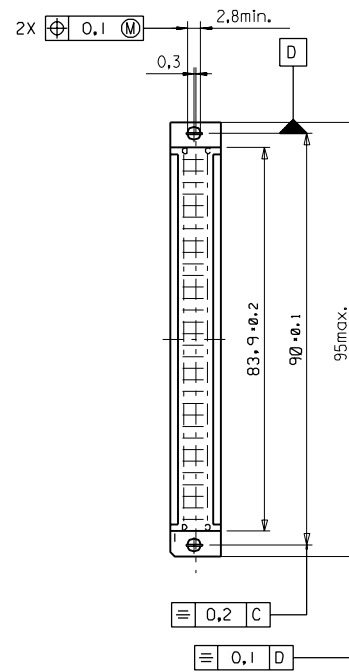
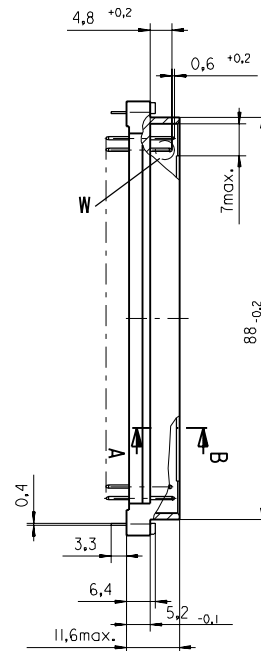
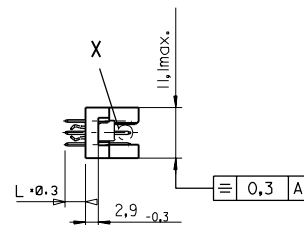
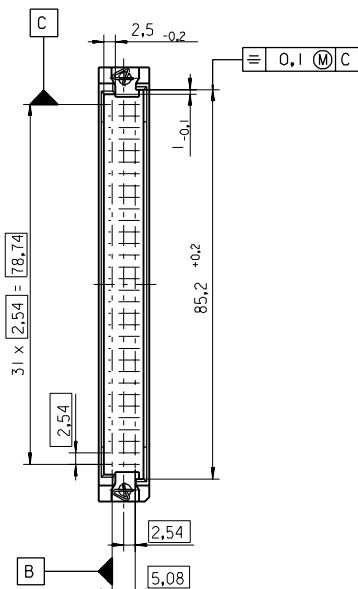
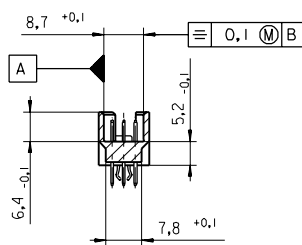
Section A - B
5:1



View X
5:1



View W
5:1



FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

SH. REV.

UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR $\pm 2^\circ$

	INCH	METRIC
3 PLACE	$\pm .$	$\pm$
2 PLACE	$\pm .$	$\pm$
1 PLACE	$\pm .$	$\pm$

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

DRWG
BY

SIGN

Ca

CHK'D
BY

SIGN

KN

APP'D
BY

SIGN

SCALE

1:1

CAD/CAM PROJECT NAME

85013000
611

TITLE

96 pos. Male connector

acc. DIN 41612 Style R

Dimensions

MOLEX EUROPE

SHEET NO. DATE

1 OF 95/06/07

PART NO.

SDA-85013-0001

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SIZE

B

SIZE

SIZE

SIZE

SIZE

SIZE

SIZE

SIZE

SIZE

View on mating side

[illegible]

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32

A = 64 standard contacts L=13, 3

Marking	Standard
Performance level	G2/0 = Contact area perform. level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85013-0001 sht.1
Technical Data	PS-85013-0001

first release see ECN No. 1868	REVISIONS	FOR PREVIOUS REVISIONS SEE MRI LIST				UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$ INCH METRIC	DRWG BY Cd	SIGN	CAD/CAM PROJECT NAME	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	REV.			
		3 PLACE $\pm$.	2 PLACE $\pm$.	1 PLACE $\pm$.	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
A	LTR	REVISIONS	FOR PREVIOUS REVISIONS SEE MRI LIST	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$ INCH METRIC	DRWG BY Cd	SIGN	SCALE	PART NO.	85013-1677	DWG NO.	SDA-85013-1677	SIZE A		
TITLE														
96 pos. Male connector acc. DIN 41612 style R contacts arrangement														
 MOLEX EUROPE								SHEET NO.		DATE				
								1 OF 1		95/06/06				

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

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.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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

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