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Part Number:

0850131768

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Style R/2 Reverse, 1µm (40µ") Selective Gold (Au) ,48 Circuits

Documents:	
3D Model	RoHS Certificate of Compliance (PDF)
Drawing (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/2
Physical	
Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	Rows A, B, & 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)	0.177 In
PC Tail Length (mm)	4.50 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Electrical	
Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)
Material Info	
Reference - Drawing Numbers	

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

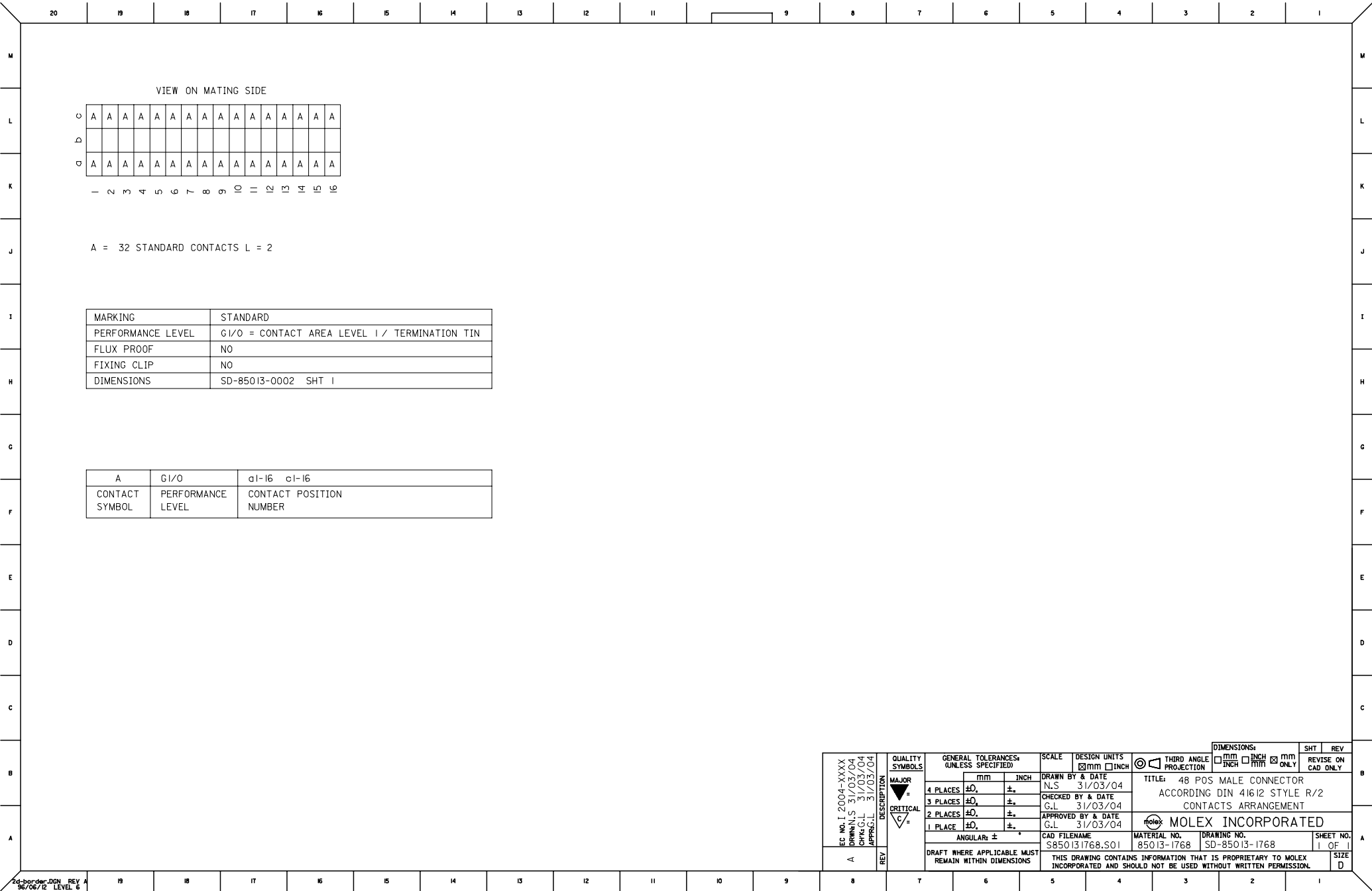
85013Series

Mates With

85042 Backplane Header, 85052 Backplane Header

This document was generated on 05/17/2010

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VIEW ON MATING SIDE

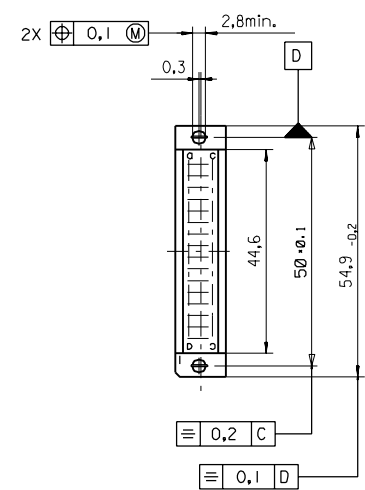
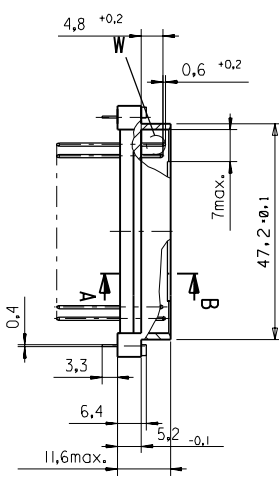
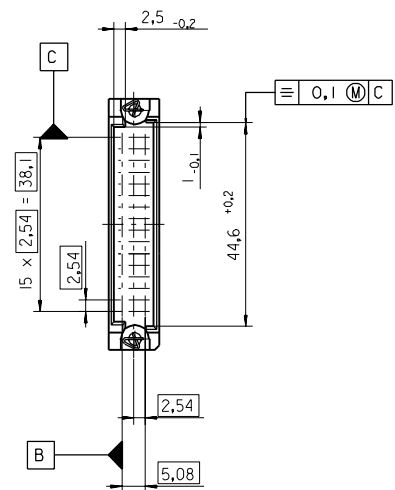
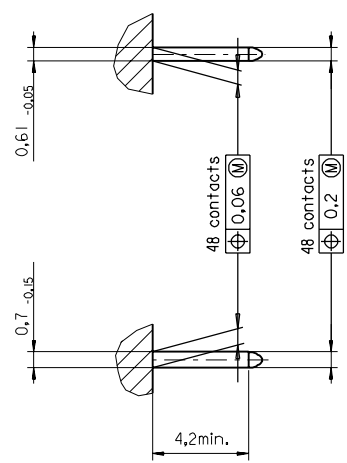
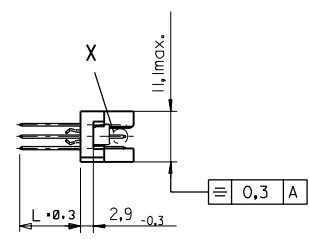
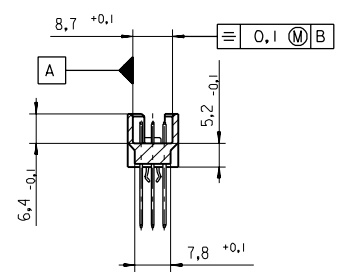
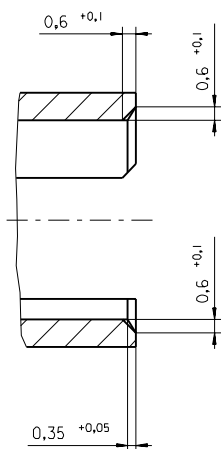
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

A = 32 STANDARD CONTACTS L = 2

MARKING	STANDARD
PERFORMANCE LEVEL	G/O = CONTACT AREA LEVEL I / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85013-0002 SHT 1

A	G/O	a1-16 c1-16
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

EC NO. I 2004-XXXX DRAWN N.S. 31/03/04 CHK'd G.L. 31/03/04 APPROV'd L. 31/03/04		QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY			SHT	REV.
								☐ INCH ☐ mm		REVISE ON CAD ONLY		
A	REV	DESCRIPTION	DRAWN BY & DATE N.S. 31/03/04		TITLE: 48 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R/2 CONTACTS ARRANGEMENT							
			CHECKED BY & DATE G.L. 31/03/04									
			APPROVED BY & DATE G.L. 31/03/04		 MOLEX INCORPORATED							
			CAD FILENAME S850131768.S01		MATERIAL NO. 85013-1768		DRAWING NO. SD-85013-1768		SHEET NO. 1 OF 1			
			ANGULAR ±									
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 D



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

A	$\triangleleft$	$\triangleleft$	$\triangleleft$
B	$\triangleleft$	$\triangleleft$	$\triangleleft$
C	$\triangleleft$	$\triangleleft$	$\triangleleft$

1
2
3
4
5
6
7
8
9
0
1
2
3
4
5
6

A = 48 STANDARD CONTACTS L = 4, 5

Marking	Standard
Performance level	GI/O = Contact area perform. level I / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85013-0002 sht.1
Technical Data	PS-85013-0001

A	G1/O	a1-l6 b1-l6 c1-l6	Contact position number
B	Perform.		
	level		

[illegible]

Данный компонент на территории Российской Федерации

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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

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