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Part Number:

0850130438

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Vertical, Style R Reverse, 1µm (40µ")
Selective Gold (Au), 96 Circuits, Lead free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85013-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

Style

Backplane Connectors

85013

Backplane

PCB Header

din_41612

IEC 603-2/DIN 41612

R

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Surface Mount Compatible (SMC)

Temperature Range - Operating

96

96

Rows A, B, & C

500

No

94V-0

No

Yes

32

Open Pin Field

3

Vertical

0.177 In

4.50 mm

No

Yes

0.062 In

1.60 mm

Tray

0.100 In

2.54 mm

0.100 In

2.54 mm

39

1

No

-55°C to +125°C

Electrical

Current - Maximum per Contact

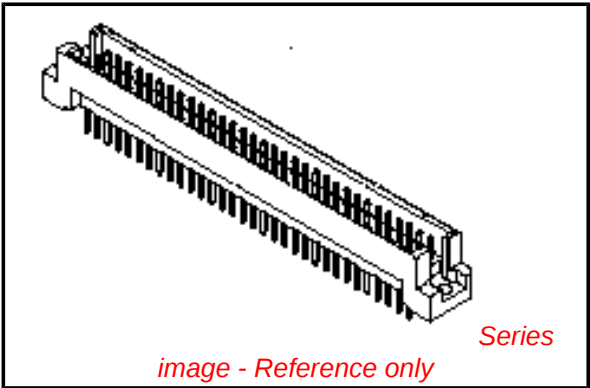
Data Rate

Voltage - Maximum

1A

622.0 Mbps

1000V (RMS)



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

Product Specification

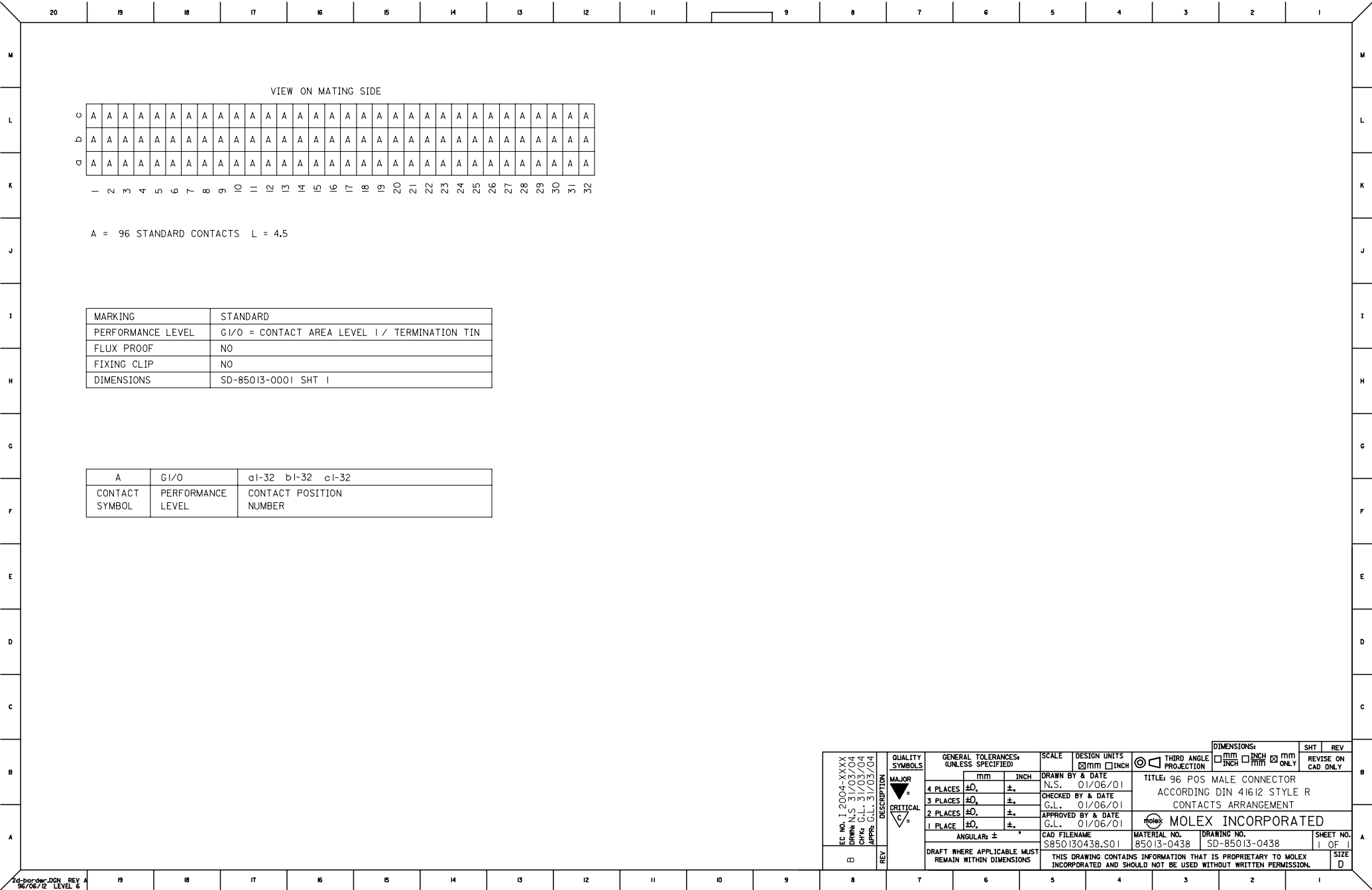
PS-85013-0001

Sales Drawing

SD-85013-0438, SDA-85013-0001, SDA-85013-0438

This document was generated on 05/17/2010

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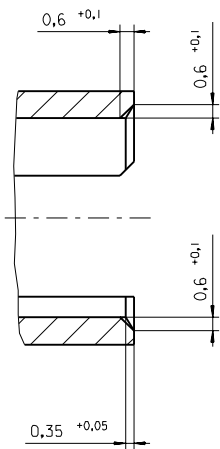
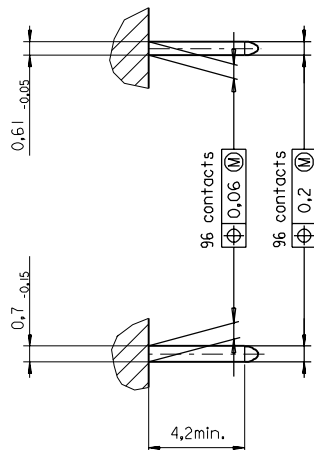
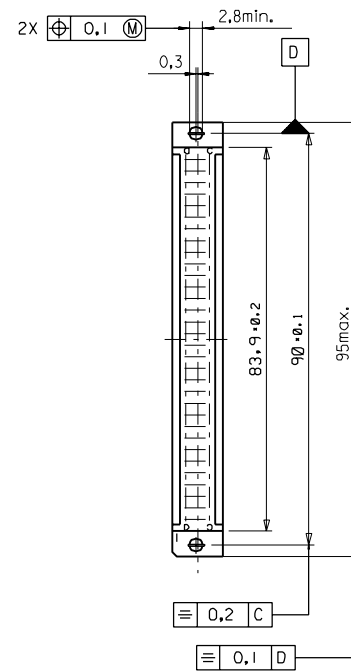
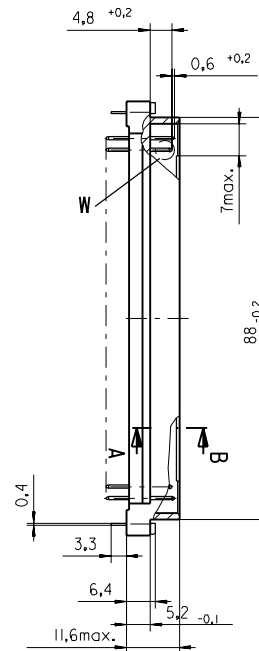
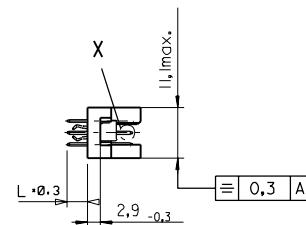
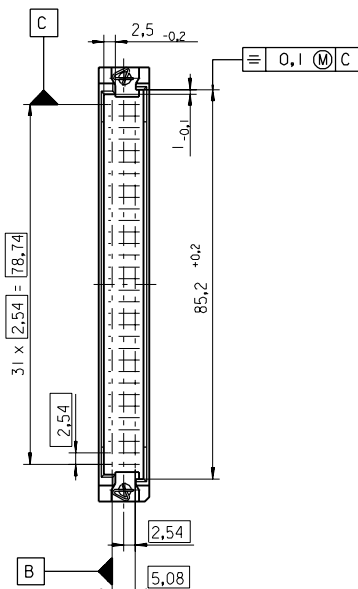
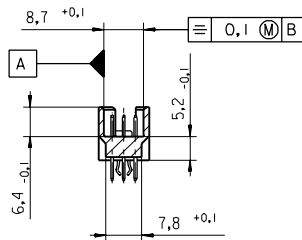
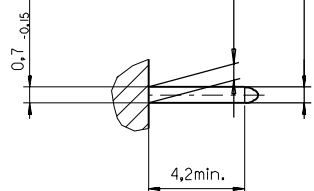
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

A = 96 STANDARD CONTACTS L = 4.5

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

A	G1/O	a1-32 b1-32 c1-32
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 APPR'd G.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
				☐ mm ☐ INCH		DRAWN BY & DATE N.S. 01/06/01	TITLE: 96 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R CONTACTS ARRANGEMENT			REVISE ON CAD ONLY			
				☐ mm ☐ INCH		CHECKED BY & DATE G.L. 01/06/01	MOLEX INCORPORATED			SHEET NO. 1 OF 1			
				☐ mm ☐ INCH		APPROVED BY & DATE G.L. 01/06/01	MATERIAL NO. 85013-0438 DRAWING NO. SD-85013-0438			SIZE D			
REV			DESCRIPTION		ANGULAR ±		CAD FILENAME S850130438.S01				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE
B			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

Section A - B
5:1View X
5:1View W
5:1

FIRST ANGLE PROJECTION

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 DIMENSIONSDESIGN DIMENSION ☒ MM
☐ IN.EQUIVALENT DIMENSION ☐ MM
☐ IN.IF TWO DIMENSIONS ARE SHOWN THE UPPER IS
THE DESIGN DIMENSION, LOWER IS SECONDARYDRWG
BY

SIGN

Ca

CHK'D
BY

SIGN

KN

APP'D
BY

SIGN

SCALE

1:1

REVISE ONLY ON CAD SYSTEM

SH. REV.

CAD/CAM PROJECT NAME
85013000
611THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO
MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSIONTITLE
96 pos. Male connector
acc. DIN 41612 Style R
Dimensions

MOLEX MOLEX EUROPE

SHEET NO. DATE
1 OF 95/06/07

PART NO.

DWG NO.
SDA-85013-0001SIZE
Bfirst release
see ECN No. 1887

LTR REVISIONS

A

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

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

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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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