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Part Number:

0850130024

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), 96 Circuits, Lead free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

85013

Application

Backplane

Comments

No Mounting Clips. No Flux Proof

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

Rows A, B, & 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

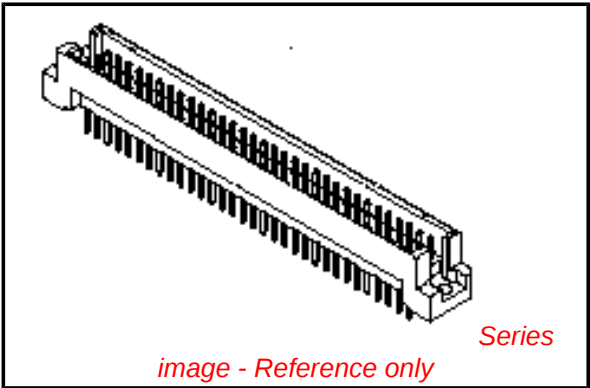
Electrical

Current - Maximum per Contact

1A

Data Rate

622.0 Mbps



EU RoHS

ELV and RoHS

Compliant

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 DIN 41612 Receptacle . 85052 DIN 41612 Header

Voltage - Maximum

1000V (RMS)

Material Info

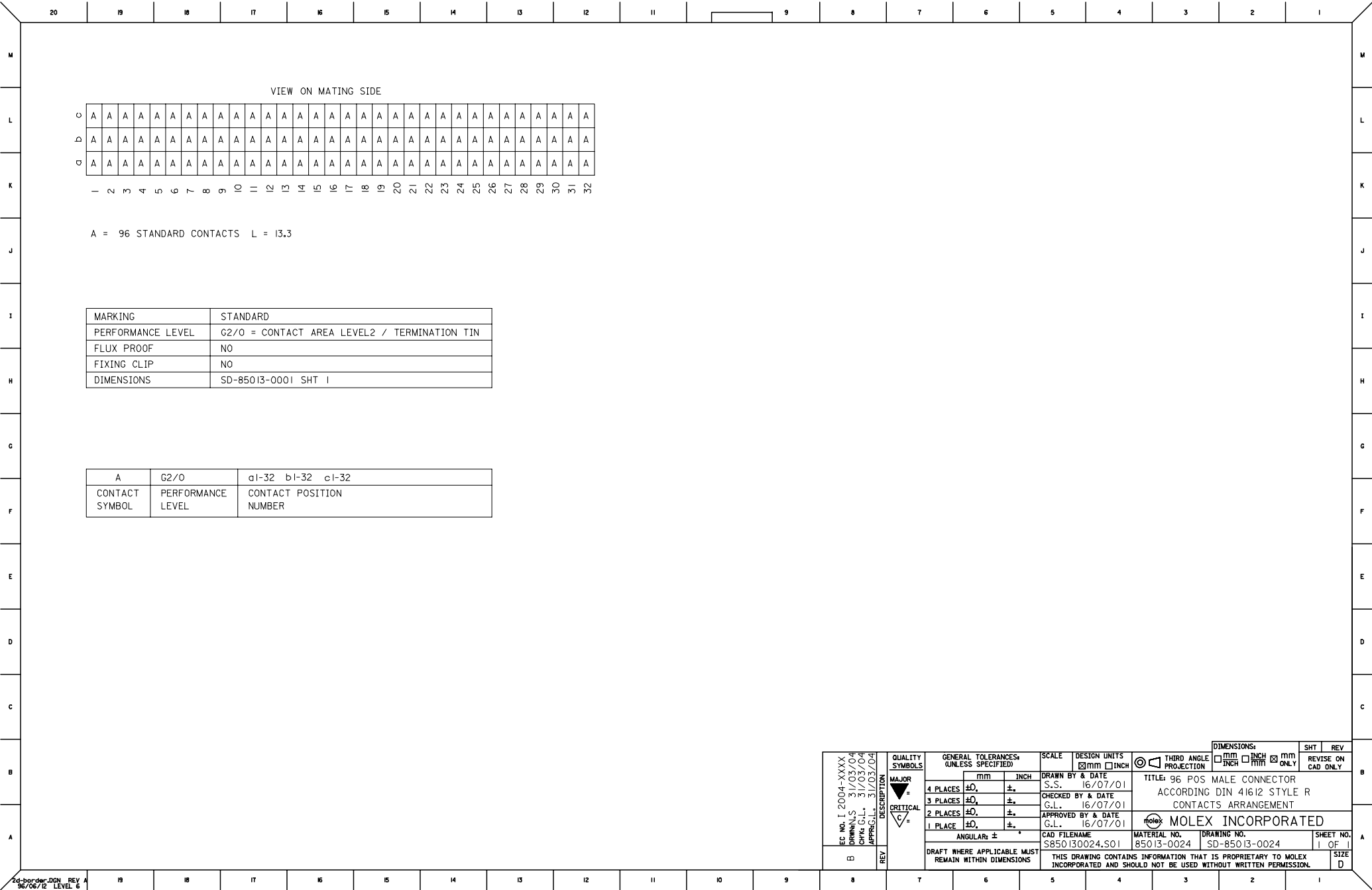
Reference - Drawing Numbers

Sales Drawing

SD-85013-0024, SDA-85013-0001, SDA-85013-0024

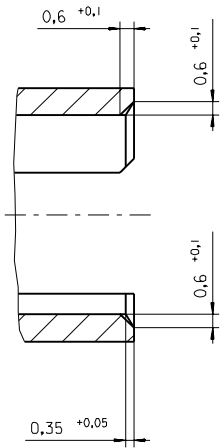
This document was generated on 05/17/2010

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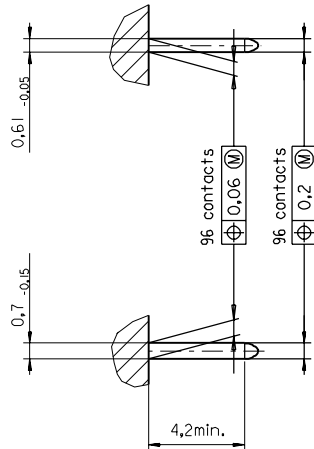


EC NO. I 2004-XXXX DRAWN L.S. 31/03/04 CHK'd G.L. 31/03/04 APPR'd L.S. 31/03/04	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS:		SHT	REV		
					☒ mm ☐ INCH		☐ mm ☐ INCH ☒ mm ONLY	REVISE ON CAD ONLY				
B	REV	4 PLACES ±0. ±.		DRAWN BY & DATE S.S. 16/07/01		TITLE: 96 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R CONTACTS ARRANGEMENT						
		3 PLACES ±0. ±.		CHECKED BY & DATE G.L. 16/07/01								
		2 PLACES ±0. ±.		APPROVED BY & DATE G.L. 16/07/01		MOLEX INCORPORATED						
		1 PLACE ±0. ±.										
		ANGULAR ± *		CAD FILENAME S850130024.S01		MATERIAL NO. 85013-0024		DRAWING NO. SD-85013-0024		SHEET NO. 1 OF 1		
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	

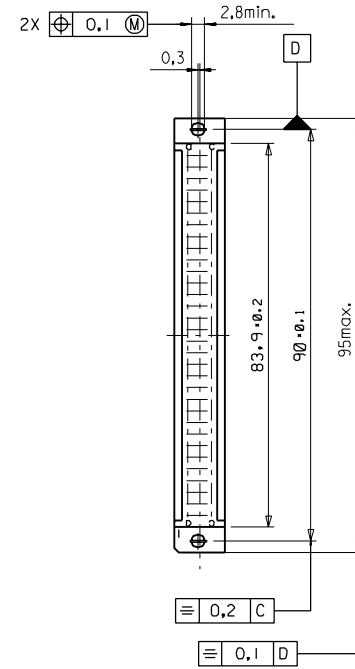
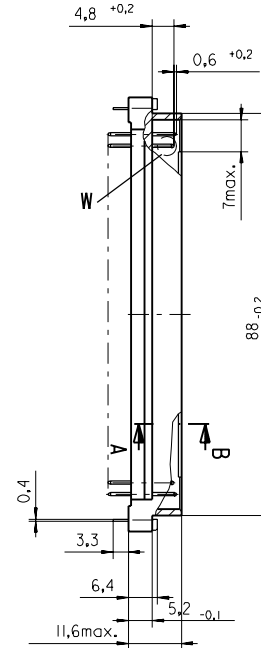
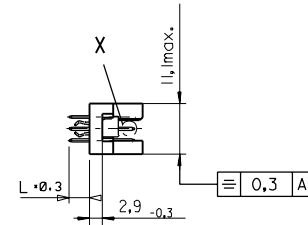
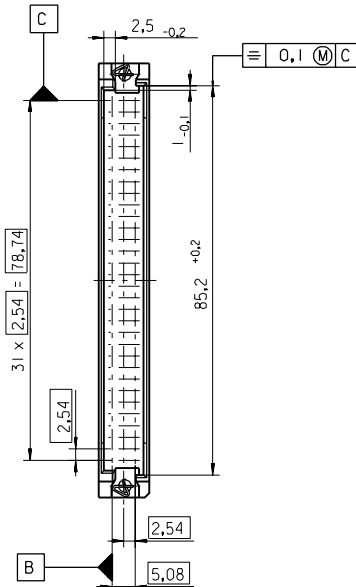
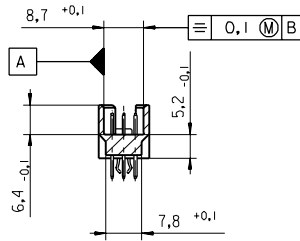
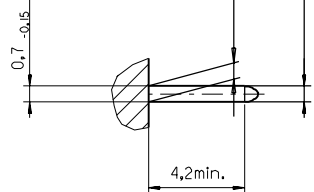
Section A - B
5:1



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
Ca

CHK'D
BY
KN

APP'D
BY

SCALE

1:1

CAD/CAM PROJECT NAME
85013000
611

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TITLE
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-85013-0001 SIZE
B

first release
see ECN No. 1887

REVISIONS

A

LTR

View on mating side

[illegible]

1
2
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17
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27
28
29
30
31
32

A = 96 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	SIGN	TITLE	96 pos. Male connector acc. DIN 41612 style R contacts arrangement	 MOLEX EUROPE	SHEET NO. 1 OF 1	DATE 95/06/07	PART NO. 85013-0024	DWG NO. SDA-85013-0024	SIZE A