

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850132244

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R Reverse, 1µm (40µ") Selective Gold (Au), 64 Circuits, Lead free

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

85013

Application

Daughtercard

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)

500

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)

0.110 In

PC Tail Length (mm)

2.90 mm

PCB Locator

No

PCB Retention

Yes

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)

39

Plating min: Mating (µm)

1

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55°C to +125°C

Electrical

Current - Maximum per Contact

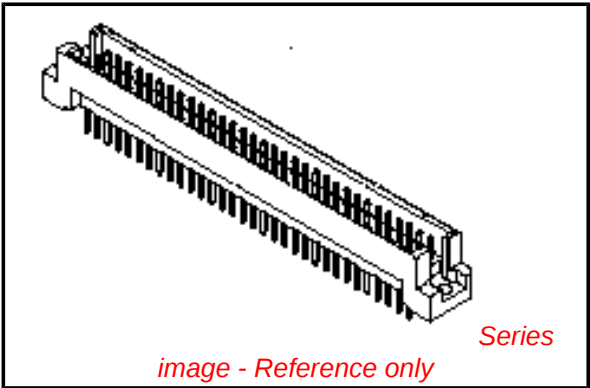
2.5A

Data Rate

622.0 Mbps

Real Signals (per 25mm)

30



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

Shield Type	N/A
Shielded	No
Voltage - Maximum	1000V (RMS)

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-85013-2244, SDA-85013-0001, SDA-85013-2244
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This document was generated on 05/17/2010

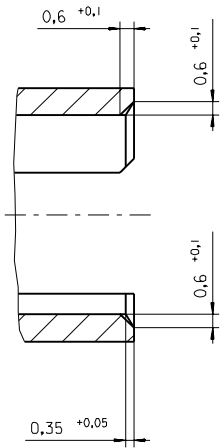
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A = 64 STANDARD CONTACTS L = 2.9

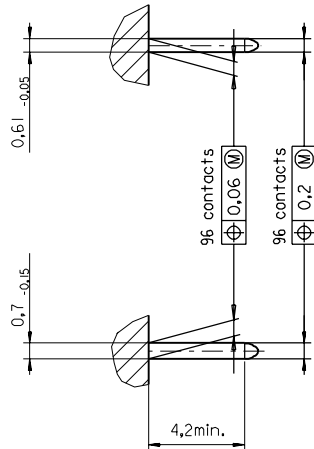
A	G2/0	dI-32	cI-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER	

2d-border.DGN REV A
96/06/12 LEVEL 6

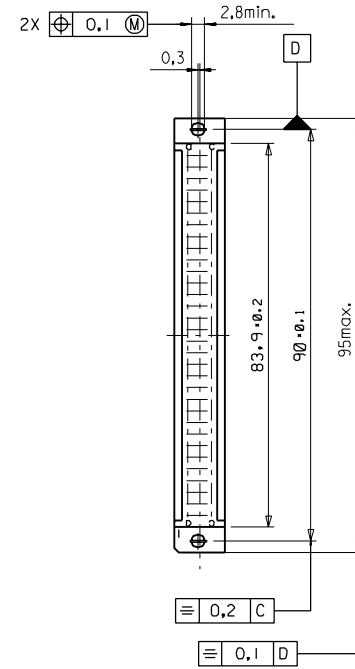
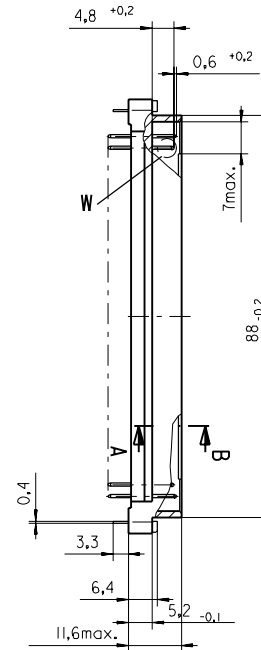
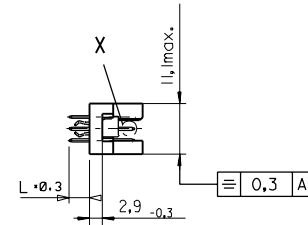
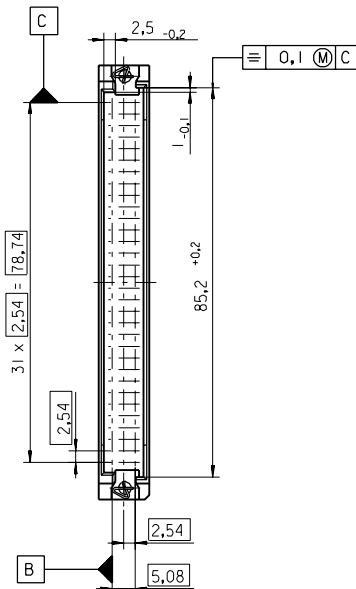
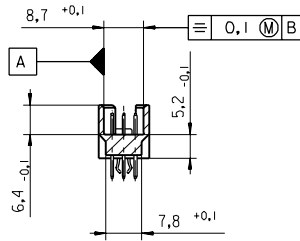
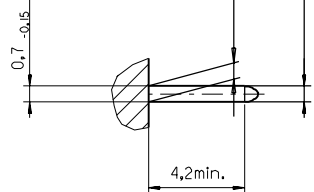
Section A - B
5:1



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

TITLE

96 pos. Male connector

acc. DIN 41612 Style R

Dimensions

MOLEX EUROPE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO
MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET NO. DATE

1 OF 95/06/07

SIZE

SDA-85013-0001

B

first release
see ECN No. 1887

A

LTR REVISIONS

FOR PREVIOUS REVISIONS SEE MRI LIST

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