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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

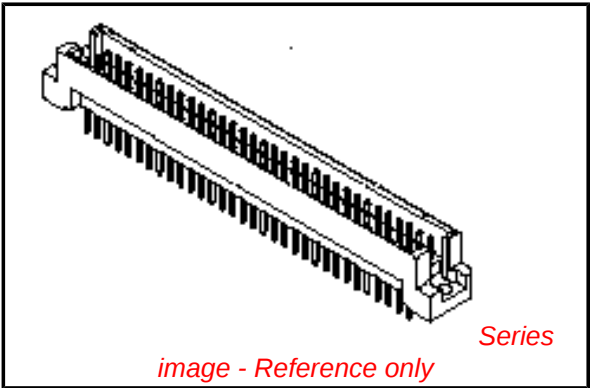
Product Family Backplane Connectors
Series [85013](#)
Application Daughtercard
Component Type PCB Header
Overview [din_41612](#)
Product Name IEC 603-2/DIN 41612
Style R

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

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

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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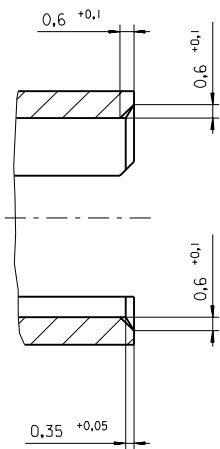
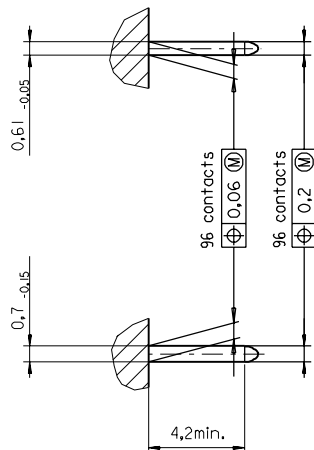
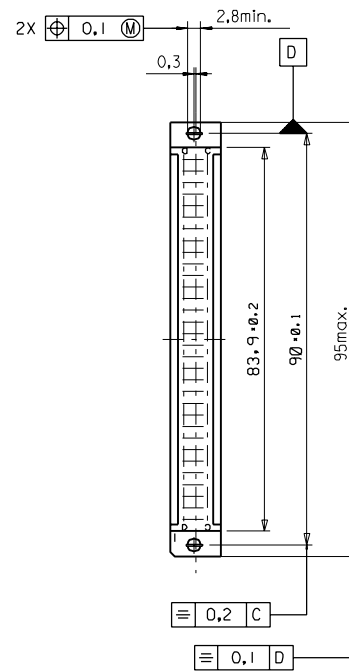
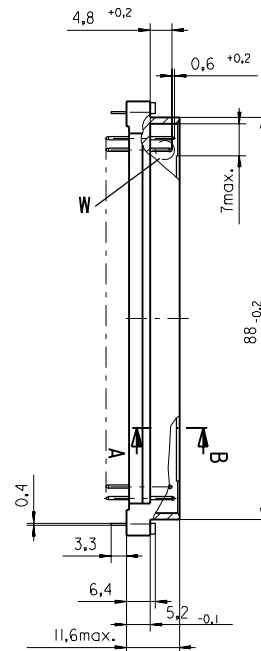
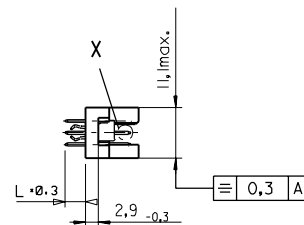
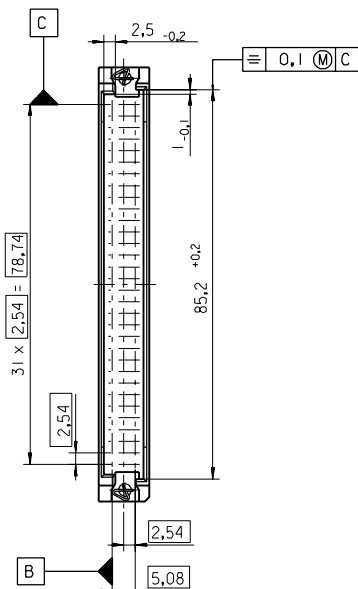
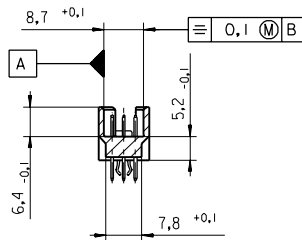
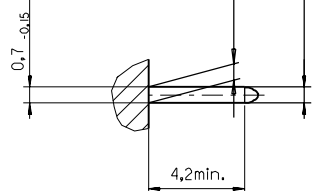
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A = 64 STANDARD CONTACTS L = 2.9

A	G2/O	a1-32	c1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER	

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

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

Ca

CHK'D
BY

KN

APP'D
BY

SCALE

1:1

SIGN

SIGN

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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 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

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