

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850130189

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Vertical, C-Pin Press-Fit Style R Reverse, 0.6µm (24µ") Selective Gold (Au), 96 Circuits, Lead free

Documents:

Drawing (PDF)

Product Specification PS-85013-0002 (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

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

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)

Plating min: Termination (µin)

Plating min: Termination (µm)

96

96

Rows A, B, & C

Gray

400

No

94V-0

No

Yes

Phosphor Bronze

Gold

Tin

Polyester

32

Open Pin Field

3

Vertical

0.228 In

5.80 mm

No

Yes

0.062 In

1.60 mm

Tray

0.100 In

2.54 mm

0.100 In

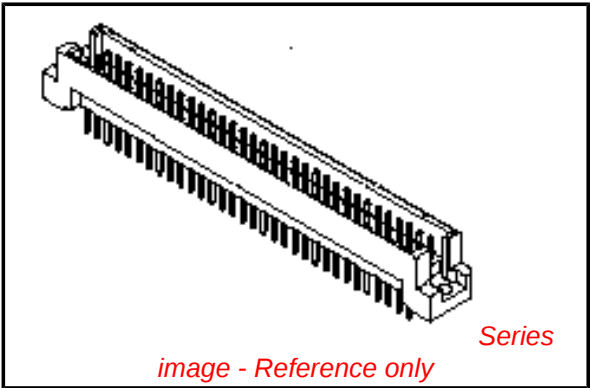
2.54 mm

24

0.6

16

0.4



EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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

Use With
85089-1079 Press-in Tool

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)

Material Info

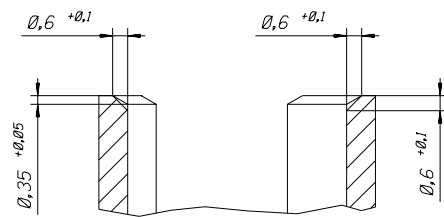
Reference - Drawing Numbers

Packaging Specification	PK-85013-001
Product Specification	PS-85013-0002
Sales Drawing	610-6043-201, SD-85013-0189

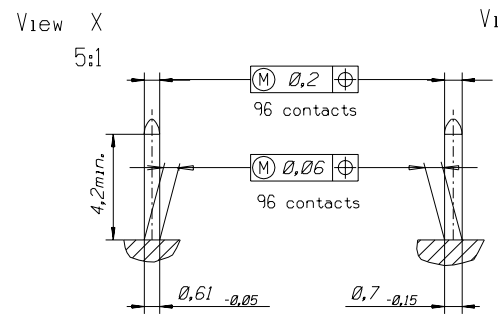
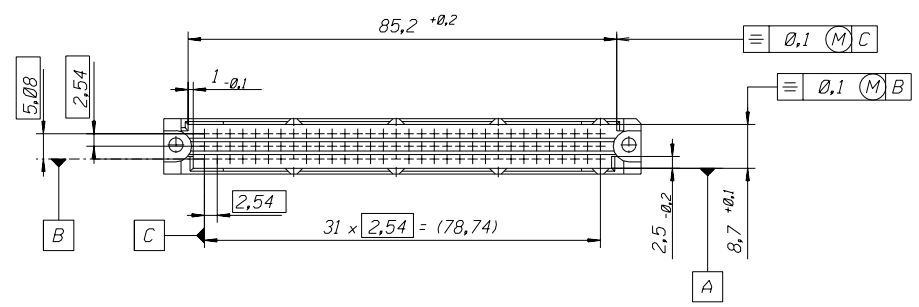
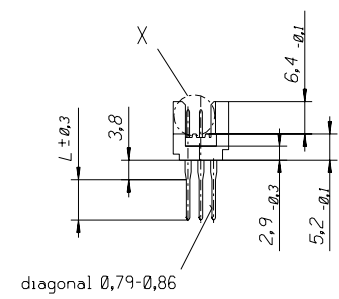
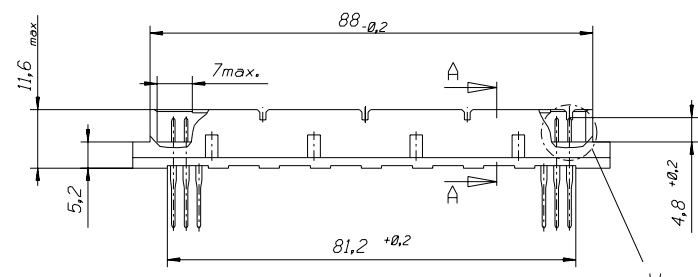
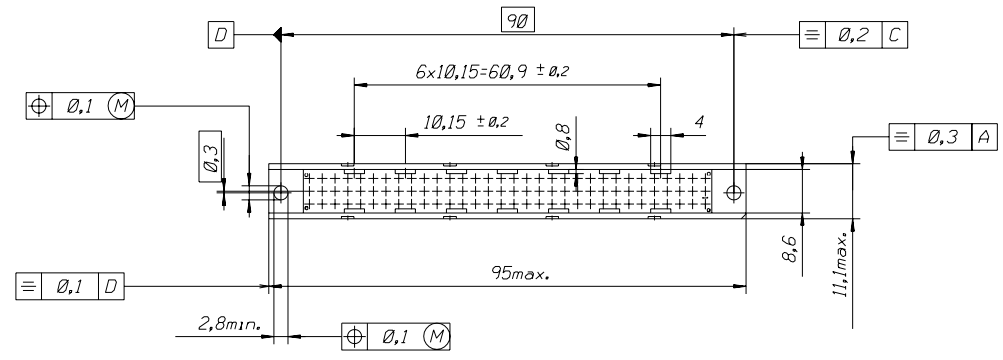
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PART NO.
DWG. NO.



section A-A
5:1



View W
5:1

FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°		DRWG BY	SIGN
INCH		Ca	
3 PLACE	±	CHK'D BY	SIGN
2 PLACE	±	KN	
1 PLACE	±	APP'D BY	SIGN
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SCALE	
DESIGN DIMENSION		l:1	
EQUIVALENT DIMENSION			
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY			

CAD/CAM PROJECT NAME		SH.	REV.
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
TITLE		SHEET NO. DATE	
96 pos. Male connector DIN 41612 style R (C-Pin) Dimensions		1 OF 3 9/11/28	
MOLEX MOLEX EUROPE		PART NO.	SIZE
		see sh. no. 2 of 3	B
		DWG NO.	
		610-6043-201	

F

E

D

C

B

A

VIEW ON MATING SIDE

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	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	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	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 = 96 STANDARD CONTACTS L = 2

MARKING	STANDARD
PERFORMANCE LEVEL	G2/0 = CONTACT AREA LEVEL2 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	610-6043-201 SHT I

A	G2/0	a1-32 b1-32 c1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

ENTER DESCRIPTION
EC NO: I2009-0099
DRWNS:J 2008/09/16
CHKD:KPRASAD 2008/09/16
APPR:KPRASAD 2008/09/16
A

DESCRIPTION
REV

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ± ---°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
SUMESH 2008/09/02
CHECKED BY DATE
KPRASAD 2008/09/02
APPROVED BY DATE
KPRASAD 2008/09/02
MATERIAL NO.
850130189
SIZE
A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
96 POS. MALE CONNECTOR
ACC. DIN 41612
STYLE R CONTACTS
MOLEX INCORPORATED
DOCUMENT NO.
SD-85013-0189
SHEET NO.
1 OF 1

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Rev. E 2006/04/15

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