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Part Number: [0850130103](#)
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), 64 Circuits, Lead free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85013-0002 \(PDF\)](#)

Agency Certification

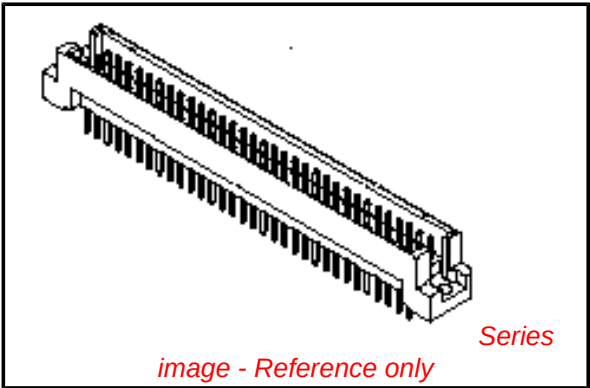
CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85013](#)
Application Backplane
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
Color - Resin Gray
Durability (mating cycles max) 400
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester
Number of Columns 32
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Vertical
PC Tail Length (in) 0.228 In
PC Tail Length (mm) 5.80 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
Plating min: Termination (µin) 16
Plating min: Termination (µm) 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	2.5A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)

Material Info

Reference - Drawing Numbers

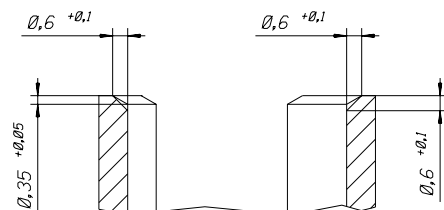
Packaging Specification	PK-85013-001
Product Specification	PS-85013-0002
Sales Drawing	610-6043-201

This document was generated on 05/17/2010

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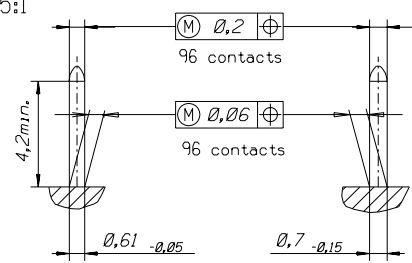
PART NO.

DWG. NO.

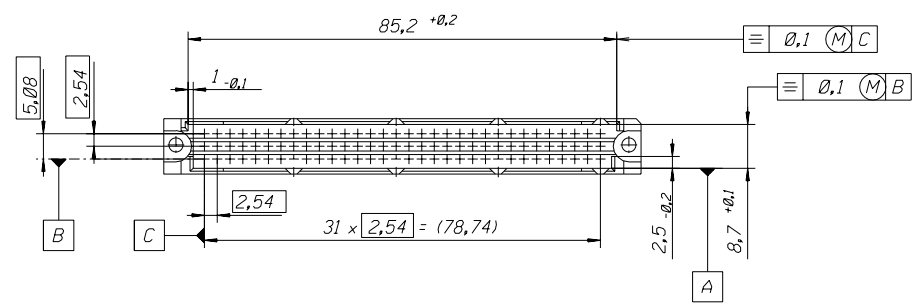
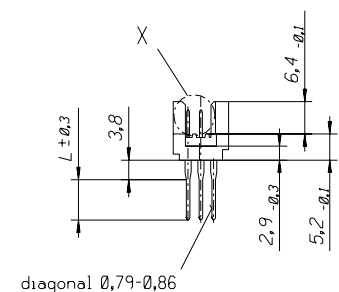
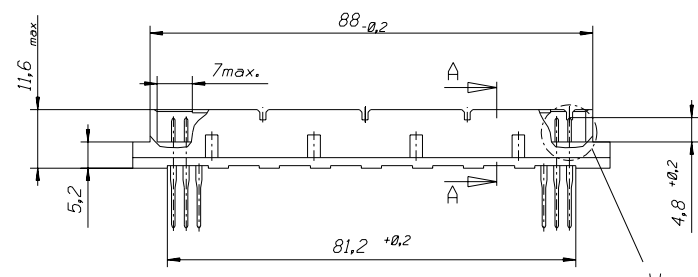
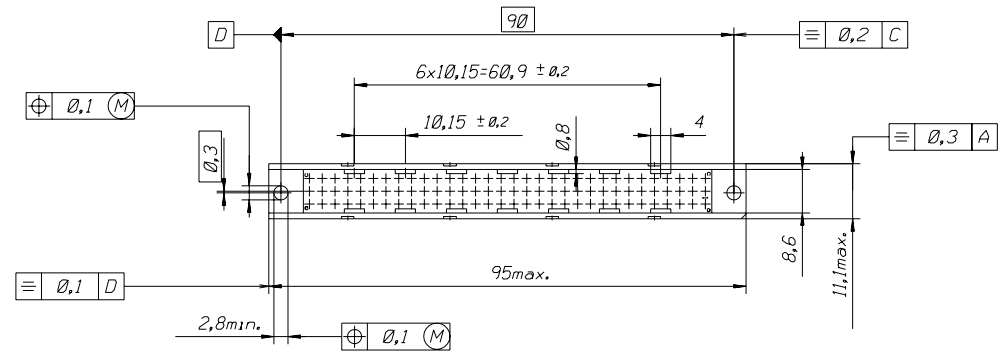


section A-A
5:1

View X
5:1



View W
5:1



FIRST ANGLE PROJECTION				REVISE ONLY ON CAD SYSTEM		SH.	REV.
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°		DRWG BY	SIGN	CAD/CAM PROJECT NAME			
INCH		Ca		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
METRIC		CHK'D BY	SIGN	TITLE			
3 PLACE ± . ±		KN		96 pos. Male connector			
2 PLACE ± . ±		APP'D BY	SIGN	DIN 41612 style R (C-Pin)			
1 PLACE ± . ±				Dimensions			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SCALE		SHEET NO. DATE			
DESIGN DIMENSION ☒ MM ☐ IN.		l:1		1 OF 3 9/11/28			
EQUIVALENT DIMENSION ☐ MM ☐ IN.				PART NO. DWG NO. SIZE			
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY				see sh. no. 2 of 3 610-6043-201 B			