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Part Number: [0850130012](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R Reverse, 64 Circuits, 0.6µm (24µ") Selective Gold (Au), Lead free

Documents:

[3D Model](#) [Product Specification PS-85013-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

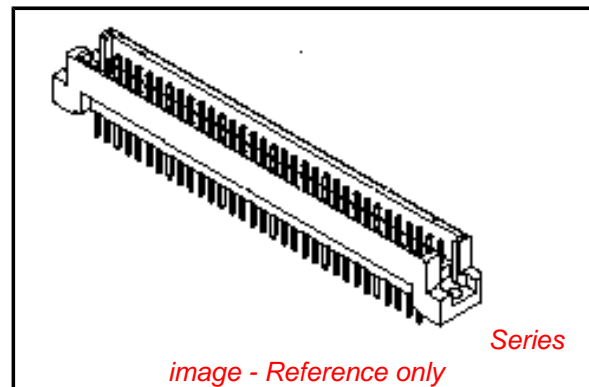
Product Family Backplane Connectors
 Series [85013](#)
 Application Backplane
 Comments No Mounting Clips. No Flux Proof
 Component Type PCB Header
 Overview [din_41612](#)
 Product Name IEC 603-2/DIN 41612
 Style R

Physical

Circuits (Loaded) 64
 Circuits (maximum) 96
 Circuits Detail Rows A & 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) 0.177 In
 PC Tail Length (mm) 4.50 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 2.5A
 Data Rate 622.0 Mbps



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

Voltage - Maximum

1000V (RMS)

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

Product Specification

PS-85013-0001

Sales Drawing

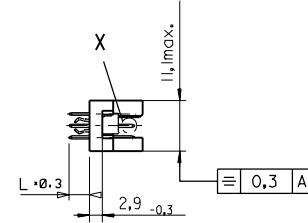
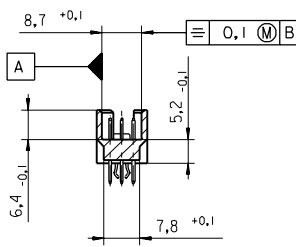
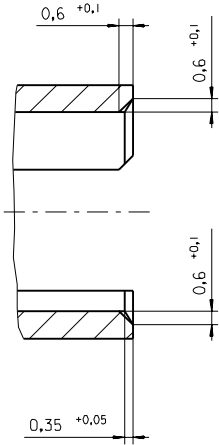
SD-85013-0012, SDA-85013-0001, SDA-85013-0012

This document was generated on 05/17/2010

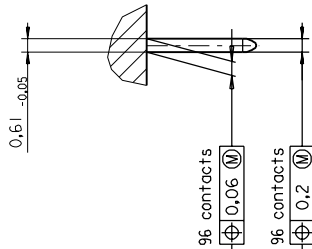
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PART NO.
DWG. NO.

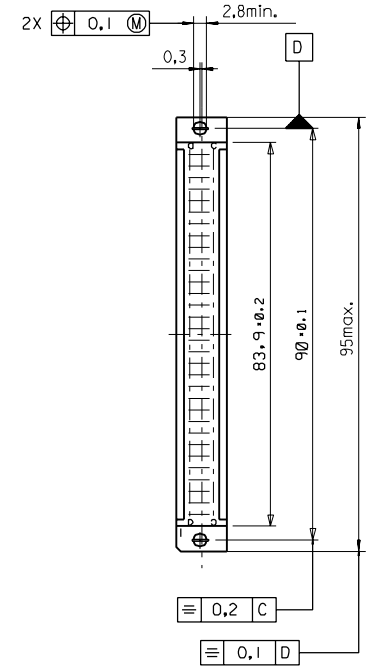
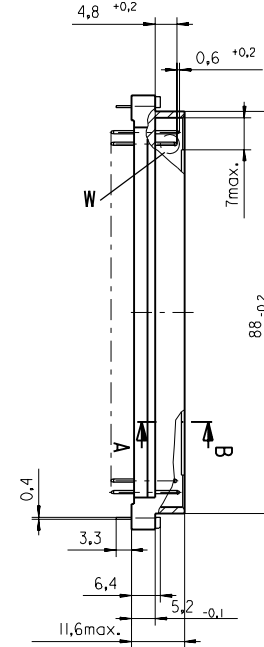
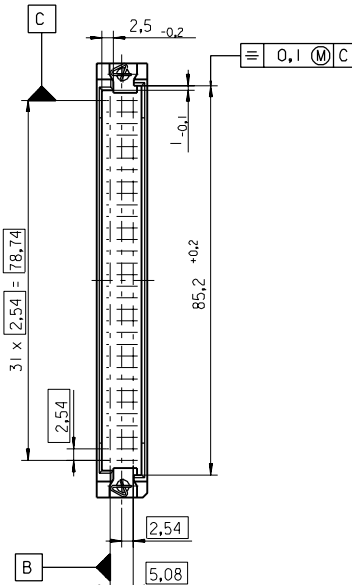
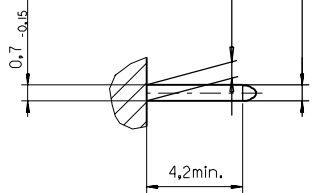
Section A - B
5:1



View X
5:1



View W
5:1



FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°	INCH	DRWG BY	SIGN	CAD/CAM PROJECT NAME	
	METRIC	Ca		85013000	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
3 PLACE ± . ±		CHK'D BY	SIGN	TITLE	
2 PLACE ± . ±		KN		96 pos. Male connector acc. DIN 41612 Style R	
1 PLACE ± . ±		APP'D BY	SIGN	Dimensions	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MOLEX MOLEX EUROPE	
DESIGN DIMENSION <input checked="" type="checkbox"/> MM <input type="checkbox"/> IN.		SCALE		SHEET NO. DATE	
EQUIVALENT DIMENSION <input type="checkbox"/> MM <input type="checkbox"/> IN.		1:1		1 OF 95/06/07	
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY				PART NO. DWG NO. SIZE	
				SDA-85013-0001 B	

