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Part Number: [0850010036](#)
Status: **Active**
Overview: [IEC 603-2 / DIN 41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, Style B, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), 64 Circuits

Documents:
[3D Model](#) [Product Specification PS-85003-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85001](#)
Application Daughtercard
Comments No Mounting Clips. No Flux Proof
Component Type PCB Header
Overview [IEC 603-2 / DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style B

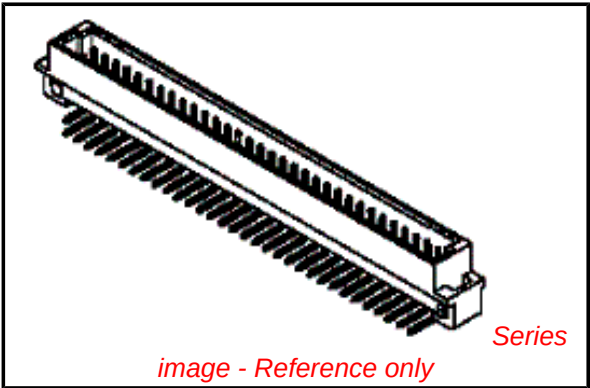
Physical

Circuits (Loaded) 64
Circuits (maximum) 64
Circuits Detail Contact Positions: A:a1-a32 and B:b1-b32
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 16
Number of Pairs Open Pin Field
Number of Rows 2
Orientation Right Angle
PC Tail Length (in) 0.118 In
PC Tail Length (mm) 3.00 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
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1.5A
Data Rate 622.0 Mbps
Voltage - Maximum 250V AC (RMS)

Material Info



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
[85001Series](#)

Mates With
DIN 41612 Receptacle [85040](#) , [85050](#)

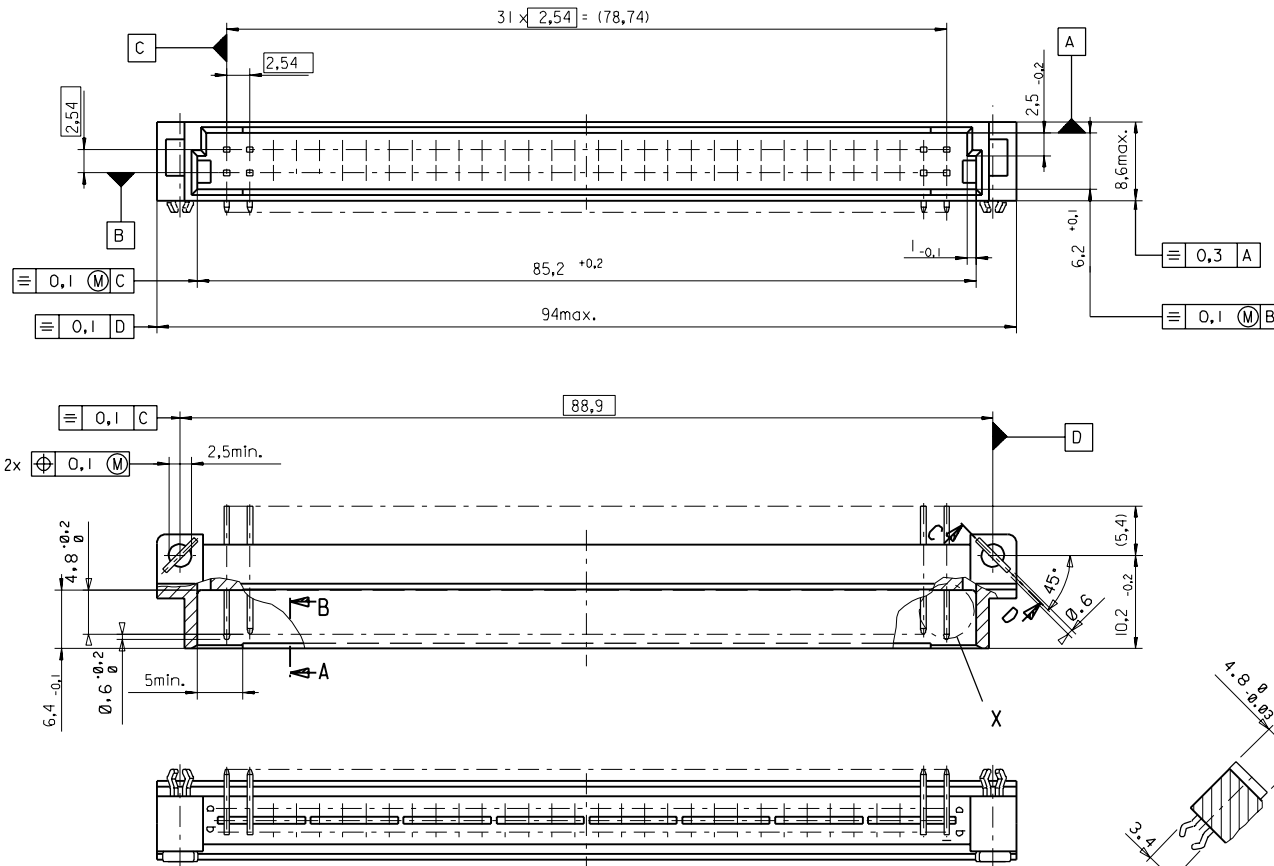
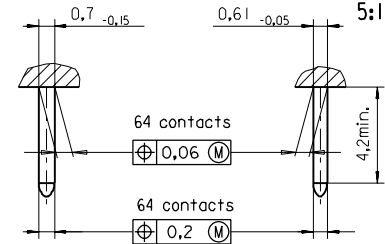
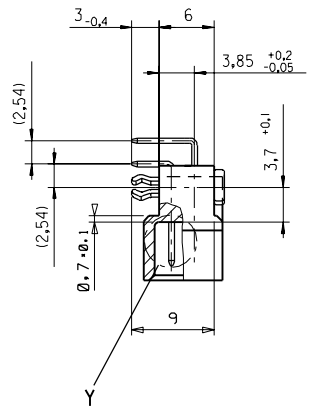
Reference - Drawing Numbers

Product Specification
Sales Drawing

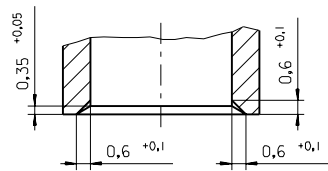
PS-85003-0001
SDA-85001-0001, SDA-85001-0036

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View X
5:1View Y
5:1

Section C - D

Section A - B
5:1

FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°		CAD/CAM PROJECT NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
INCH METRIC		85001000		TITLE	
3 PLACE ± .		2 PLACE ± .		1 PLACE ± .	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DESIGN DIMENSION		EQUIVALENT DIMENSION	
FOR PREVIOUS REVISIONS SEE MRI LIST		DRWG BY		CHK'D BY	
first release see ECN No. 1887		Ca		KN	
LTR REVISIONS		APP'D BY		SCALE	
A		2:1		MOLEX MOLEX EUROPE	
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY		PART NO.		DWG NO.	
		SDA-85001-0001		SHEET NO. DATE	
				1 OF 95/06/06	
				SIZE	
				B	

