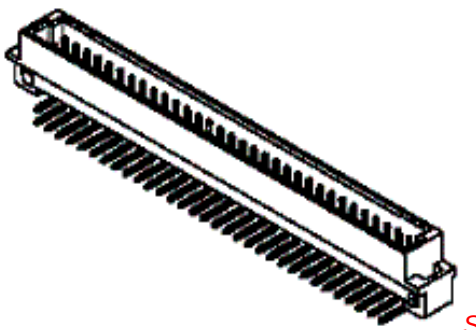
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Part Number: 0850010050
Status: Active
Overview: IEC 603-2 / DIN 41612
Description: 2.54mm (.100") Pitch DIN 41612 Header, Style B, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), 32 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-85003-0001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	85001
Application	Daughtercard
Component Type	PCB Header
Overview	IEC 603-2 / DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	B

Physical

Circuits (Loaded)	32
Circuits (maximum)	64
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

Reference - Drawing Numbers

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.

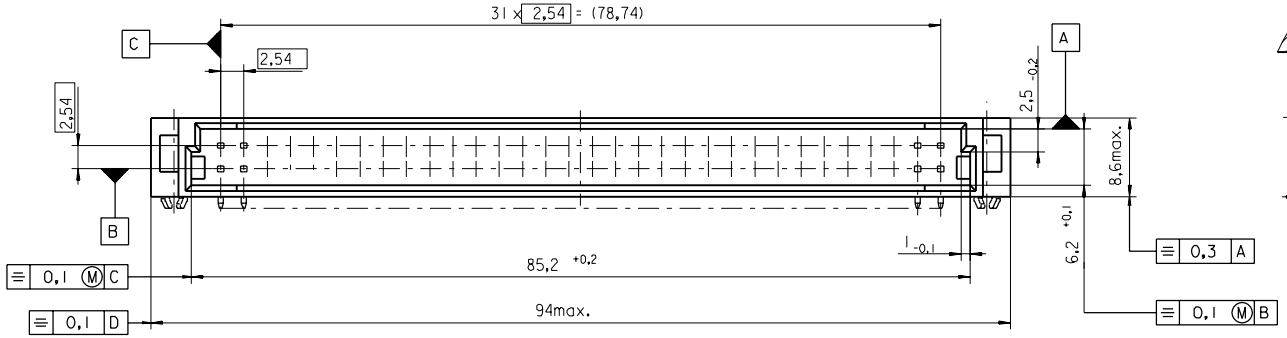
Search Parts in this Series
85001Series

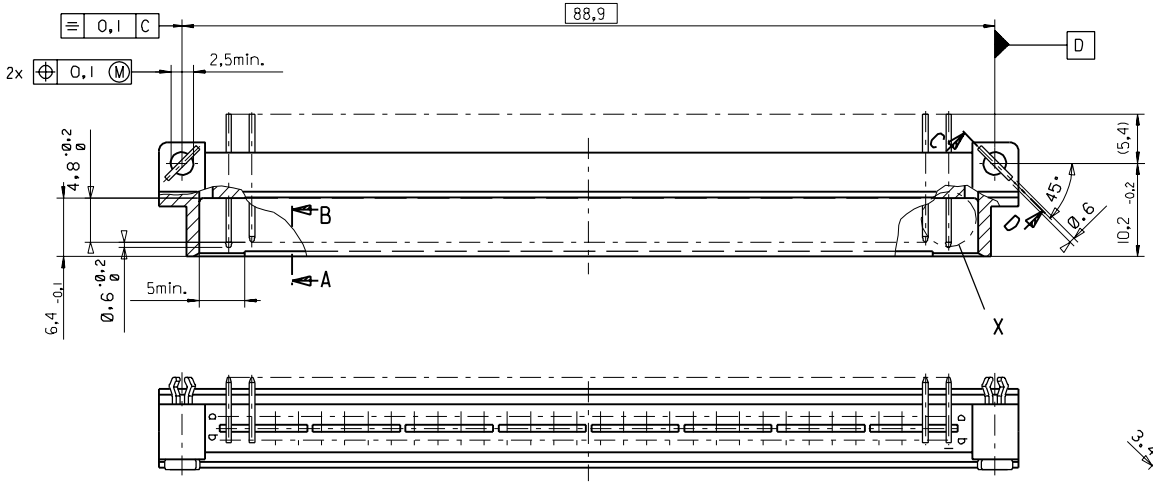
Mates With
DIN 41612 Receptacle 85040 , 85050

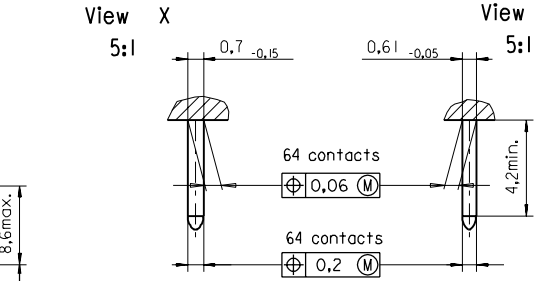
Product Specification	PS-85003-0001
Sales Drawing	SDA-85001-0001, SDA-85001-0050

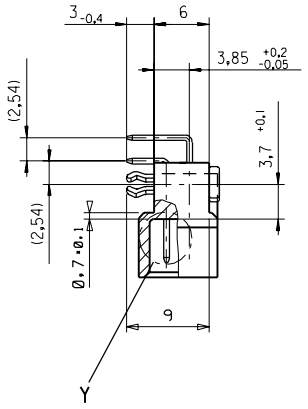
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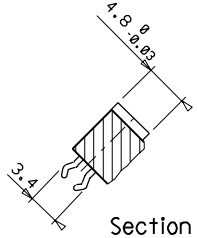
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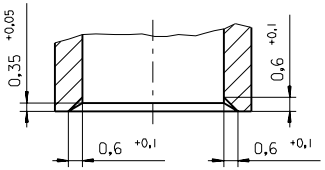






Section C - D

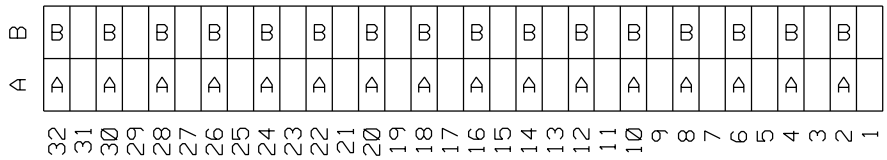
Section A - B
5:1



FIRST ANGLE PROJECTION				REVISE ONLY ON CAD SYSTEM	SH. REV.
first release see ECN No. 1887	REVISIONS	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°	DRWG BY Ca	CADCAM PROJECT NAME 85001000 S11	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
		INCH / METRIC: 3 PLACE ± . / ±; 2 PLACE ± . / ±; 1 PLACE ± . / ±	CHK'D BY KN	TITLE: 64 pos. Male connector acc. DIN 41612 style B Dimensions	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APP'D BY	molex MOLEX EUROPE	SHEET NO. 1 OF; DATE 95/06/06
		DESIGN DIMENSION ☒ MM ☐ IN.	SIGN	PART NO.	DWG NO. SDA-85001-0001; SIZE B
A	LTR FOR PREVIOUS REVISIONS SEE MRI LIST	EQUIVALENT DIMENSION ☐ MM ☐ IN.	SCALE 2:1		
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY			

7132-1283

VIEW ON MATING SIDE



A = 16 STANDARD CONTACTS L=3
B = 16 STANDARD CONTACTS L=3

S = 32 TOTAL NUMBER OF CONTACTS

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85001-0001 sht.1
TechnicalData	PS-85003-0001

B	G2/0	b2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32
A	G2/0	a2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32
Contact symbol	Perform. level	Contact position number

LTR	REVISIONS	
C	see ECN No. 2204 96/07/18 Ca	FOR PREVIOUS REVISIONS SEE MRI LIST

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°

	INCH	METRIC
3 PLACE	± .	±
2 PLACE	± .	±
1 PLACE	± .	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION ☐ MM ☐ IN.

EQUIVALENT DIMENSION ☐ MM ☐ IN.

IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY

DRWG BY	Ca	SIGN
CHK'D BY	KN	SIGN
APP'D BY		SIGN
SCALE		

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM PROJECT NAME s8500100 s51

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TITLE

64 pos. Male connector acc. DIN 41612 style B contacts arrangement

MOLEX EUROPE

SHEET NO.	DATE
1 OF 1	95/05/23

PART NO.	DWG NO.	SIZE
85001-0050	SDA-85001-0050	A