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Part Number:

0850030177

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 Header, Style C, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), 96 Circuits, Lead free

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

85003

Application

Daughtercard

Component Type

PCB Header

Overview

[din_41612](#)

Product Name

IEC 603-2/DIN 41612

Style

C

Physical

Circuits (Loaded)

96

Circuits (maximum)

96

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

3

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

Polarized to PCB

Yes

Stackable

No

Temperature Range - Operating

-55°C to +125°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

1A

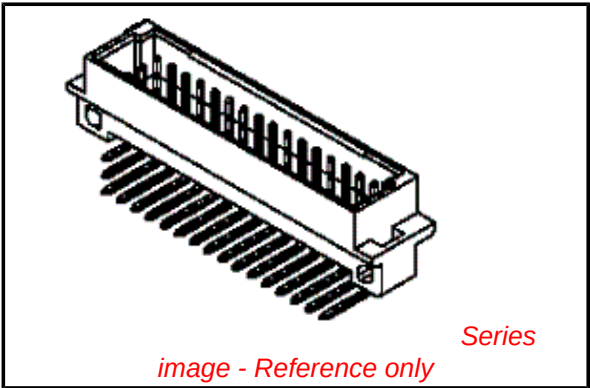
Data Rate

622.0 Mbps

Voltage - Maximum

250V AC (RMS)

Solder Process Data



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

85003Series

Mates With

85042 DIN 41612 Receptacle. 85052 DIN 41612 Header

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Old Part Number

96P-6033-072V-0

Reference - Drawing Numbers

Packaging Specification

PK-85003-001

Product Specification

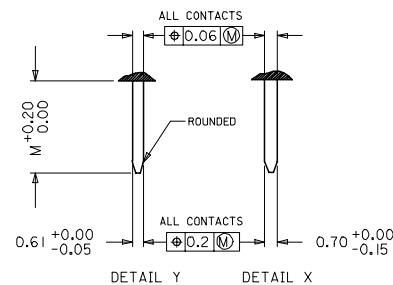
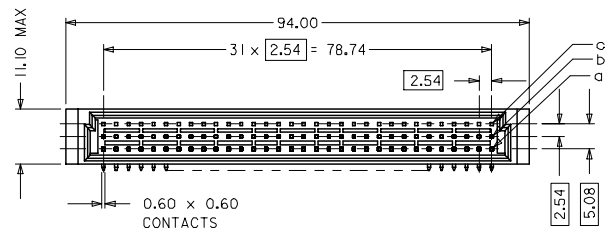
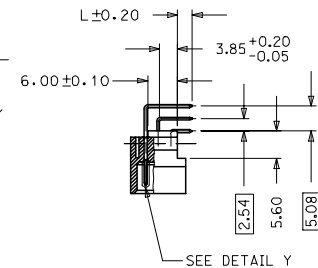
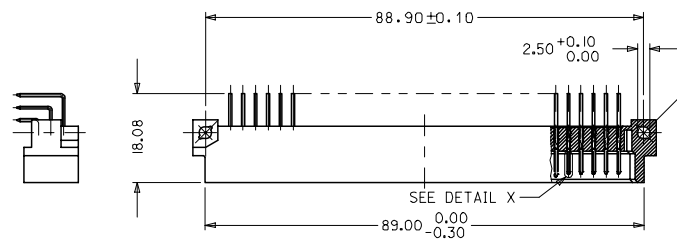
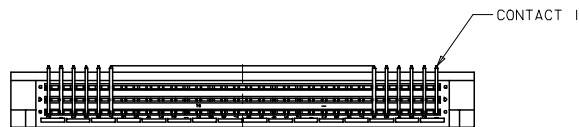
PS-85003-0001

Sales Drawing

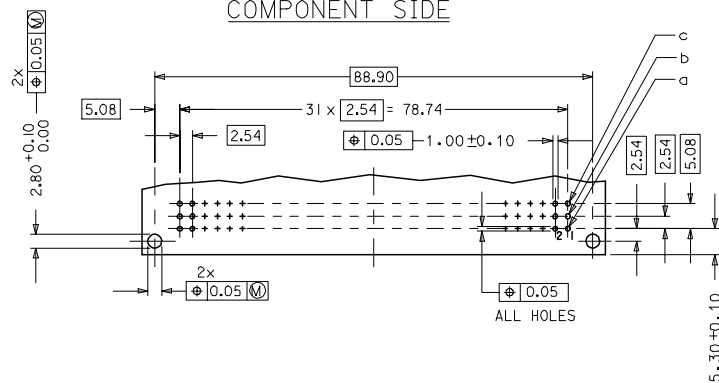
SD-85003-0001, SD-85003-0177

This document was generated on 05/17/2010

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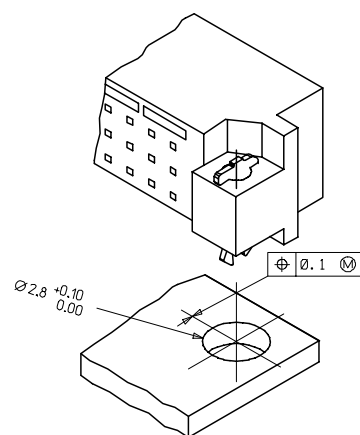
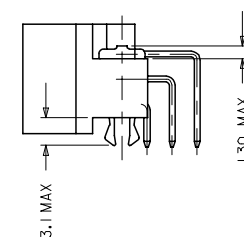
RECOMMENDED PCB LAYOUT COMPONENT SIDE



LMFB	CONTACTS	4.2
FMLB	CONTACTS	5.4
NORMAL	CONTACTS	4.8
		M

WITH MOUNTING CLIPS

8:1

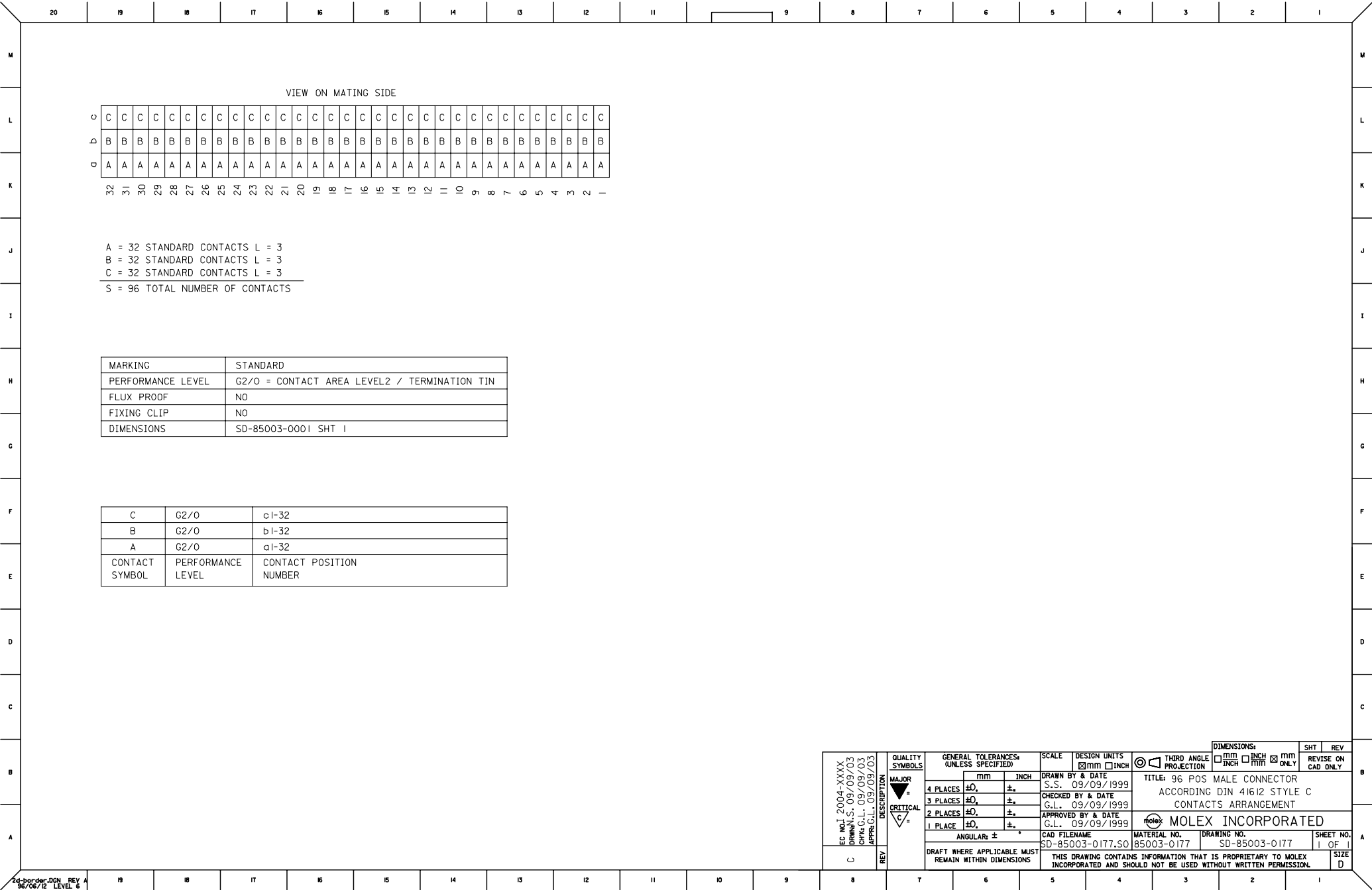


NOTES:

- MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0, COLOUR: PEBBLE GREY RAL 7032
TERMINAL - BRASS
MOUNTING CLIP: STEEL
- FINISH: CONTACT AREA
 - PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 1.1 MICROMETER OVER NICKEL, THICKNESS = 1.25 MICROMETER
 - PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.6 MICROMETER OVER NICKEL, THICKNESS = 1.25 MICROMETER
 - PERFORMANCE LEVEL 3: SELECTIVE GOLD (Au), THICKNESS = 0.3 MICROMETER OVER NICKEL, THICKNESS = 1.25 MICROMETER
- TERMINATION AREA: SELECTIVE TIN, THICKNESS = 2.5 MICROMETER OVER NICKEL, THICKNESS = 1.25 MICROMETER OVERALL
- MOUNTING CLIP:-
TIN (Sn), THICKNESS = 5-10 MICROMETER,
OVER NICKEL (Ni), THICKNESS = 2.5 MICROMETER
- FOR NON MOUNTING CLIP OPTION, CONNECTOR TO BE SECURED WITH
RIVETS: 2 TUBULAR RIVETS 2.5 x 0.3 ... DIN 7340
SCREWS: 2 CHEESEHEAD SCREWS M2.5 x DIN 84 AND 2 HEXAGONAL NUTS M2.5 DIN 934
- STANDARD MARKING: MOLEX, MATERIAL NUMBER, BATCH CODE
- CUT FACE OF TIP WITHOUT PLATING PERMITTED
- PRODUCT SPECIFICATION PS : 85003-0001

RoHS COMPLIANT

ENTER DESCRIPTION EC NO.: 2007-0193 DRAWING: 2007-0193 CHKD: SUDHIR APPRA: KPRASAD D1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES ±</td><td>±</td></tr><tr><td>3 PLACES ±</td><td>± 0.05</td></tr><tr><td>2 PLACES ±</td><td>± 0.1</td></tr><tr><td>1 PLACE ±</td><td>± 0.15</td></tr><tr><td colspan="2">ANGULAR ± 2 °</td></tr></table>		mm	INCH	4 PLACES ±	±	3 PLACES ±	± 0.05	2 PLACES ±	± 0.1	1 PLACE ±	± 0.15	ANGULAR ± 2 °		DIMENSION STYLE MM ONLY	SCALE: 2:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
				mm	INCH														
			4 PLACES ±	±															
			3 PLACES ±	± 0.05															
			2 PLACES ±	± 0.1															
1 PLACE ±	± 0.15																		
ANGULAR ± 2 °																			
DRAWN BY: SS	DATE: 1999/09/09	TITLE: ASSEMBLY, DIN 41612	MOLEX INCORPORATED	SHEET NO.: 1 OF 12															
CHECKED BY: GJLOWE	DATE: 1999/09/09	C MALE																	
APPROVED BY: GJLOWE	DATE: 1999/09/09	96 POS																	
MATERIAL NO. SEE CHART																			
DOCUMENT NO. SD-85003-0001																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																



A = 32 STANDARD CONTACTS L = 3
B = 32 STANDARD CONTACTS L = 3
C = 32 STANDARD CONTACTS L = 3
S = 96 TOTAL NUMBER OF CONTACTS

MARKING	STANDARD
PERFORMANCE LEVEL	G2/O = CONTACT AREA LEVEL2 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85003-0001 SHT 1

C	G2/O	c1-32
B	G2/O	b1-32
A	G2/O	a1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

EC NO. 2004-XXXX DRAWN S. 09/09/03 CHK G.L. 09/09/03 APP. G.L. 09/09/03		QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS mm INCH		THIRD ANGLE PROJECTION	DIMENSIONS: mm INCH mm ONLY			SHT	REV
												REVISE ON CAD ONLY	
C	REV	DESCRIPTION	mm INCH		DRAWN BY & DATE S.S. 09/09/1999		TITLE: 96 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE C CONTACTS ARRANGEMENT						
			4 PLACES ±0. ±.		CHECKED BY & DATE G.L. 09/09/1999		MOLEX INCORPORATED						
			3 PLACES ±0. ±.		APPROVED BY & DATE G.L. 09/09/1999								
			2 PLACES ±0. ±.										
			1 PLACE ±0. ±.										
ANGULAR ±		CAD FILENAME SD-85003-0177.S0		MATERIAL NO. 85003-0177		DRAWING NO. SD-85003-0177		SHEET NO. 1 OF 1					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE D

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Формирование склада под заказчика.
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- Тестирование поставляемой продукции.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru