

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0850010074](#)
Status: **Active**
Overview: IEC 603-2 / DIN 41612
Description: 2.54mm (.100") Pitch DIN 41612 Header, Style B/2, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), Fixing Clip available ,32 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
Component Type PCB Header
Overview [IEC 603-2 / DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style B/2

Physical

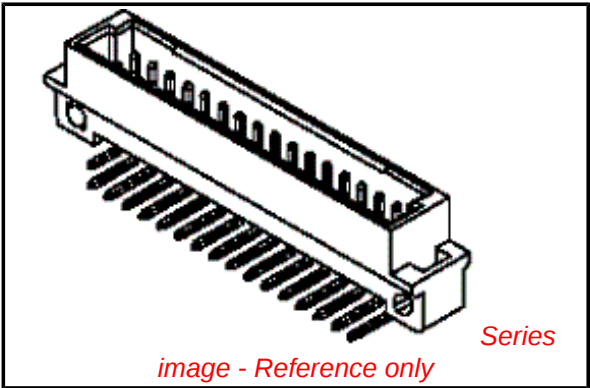
Circuits (Loaded) 32
Circuits (maximum) 32
Durability (mating cycles max) 400
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Number of Columns 16
Number of Pairs Open Pin Field
Number of Rows 2
Orientation Right Angle
PC Tail Length (in) 0.118 In
PC Tail 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 Bag
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**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

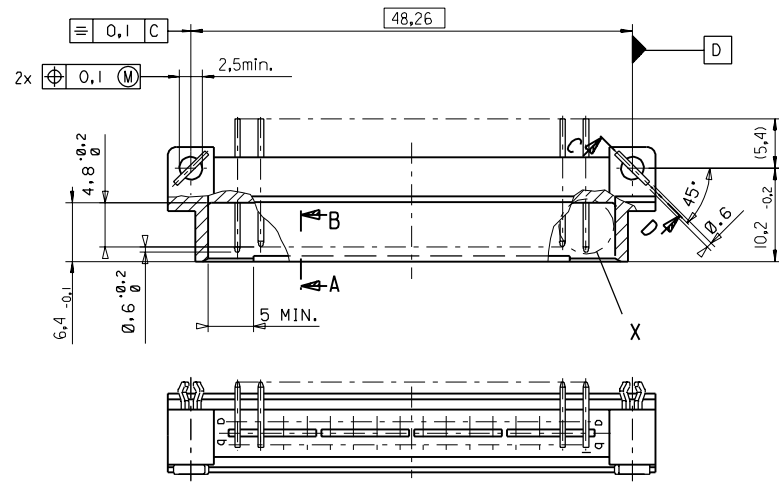
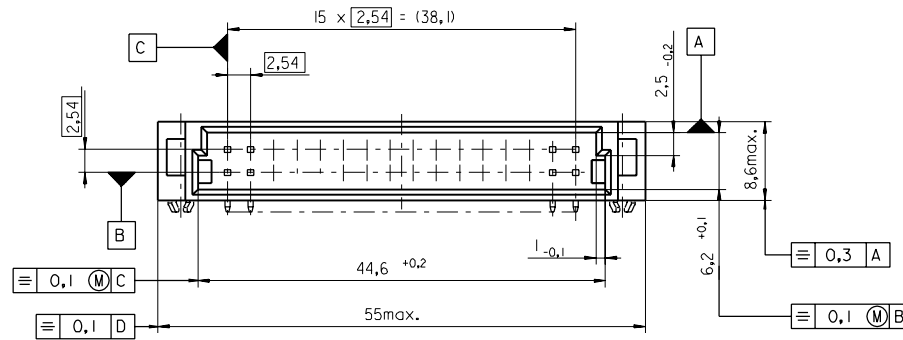
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[85001Series](#)

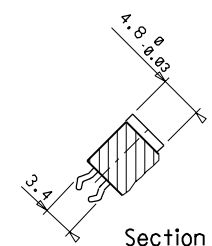
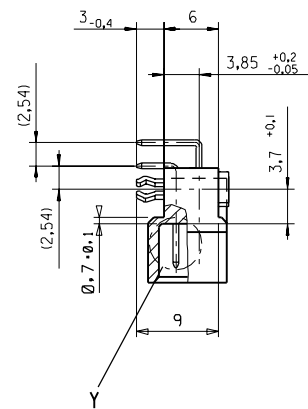
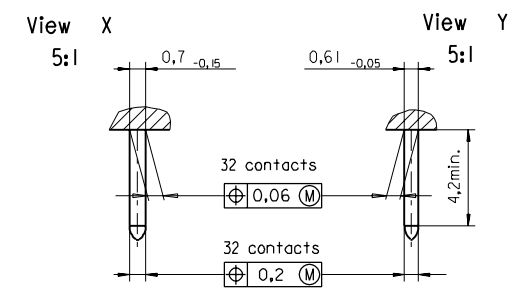
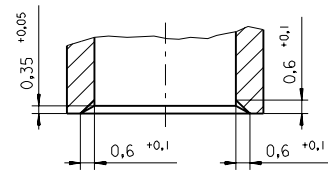
Mates With
DIN 41612 Receptacle [85040](#) , [85050](#)

This document was generated on 03/09/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



Section A - B
5:1



Section C - D

FIRST ANGLE PROJECTION				REVISE ONLY ON CAD SYSTEM				SH. REV.			
first release see ECN No. 1887	REVISIONS	FOR PREVIOUS REVISIONS SEE MRL LIST	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRWG BY	SIGN	CAD/CAM PROJECT NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			INCH METRIC		Ca	CHK'D BY	KN	APP'D BY	TITLE	32 pos. Male connector acc. DIN 41612 style B/2 Dimensions	
			1 PLACE $\pm$.								SCALE
			2 PLACE $\pm$.								
			3 PLACE $\pm$.								
A	LTR	REVISIONS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		2:1		MOLEX EUROPE		SHEET NO.	DATE	
			DESIGN DIMENSION ☒ MM ☐ IN.		PART NO.		1 OF		95/06/06		
			EQUIVALENT DIMENSION ☐ MM ☐ IN.		DWG NO.		SDA-85001-0002		SIZE		
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY								B	

VIEW ON MATING SIDE

1	A	Δ	B
2		Δ	
3		Δ	
4		Δ	
5		Δ	
6		Δ	
7		Δ	
8		Δ	
9		Δ	
10		Δ	
11		Δ	
12		Δ	
13		Δ	
14		Δ	
15		Δ	
16		Δ	

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	yes
Dimensions	SDA-8500I-0002 sht.1
Technical Data	PS-85003-0001

B	G2/0	b1-l6
A	G2/0	a1-l6
Contact symbol	Perform. level	Contact position number

C	see ECN No. 2204	96/07/18 Cd	REVISIONS	FOR PREVIOUS REVISIONS SEE MRJ LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRWG BY Ca	SIGN	REVISION ONLY ON CAD SYSTEM			SH.	REV.
				INCH		METRIC								
				3 PLACE $\pm$	$\pm$	3 PLACE $\pm$	$\pm$							
				2 PLACE $\pm$	$\pm$	2 PLACE $\pm$	$\pm$							
						1 PLACE $\pm$	$\pm$							
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SIGN	TITLE 32 pos. Male connector acc. DIN 41612 style B/2 contacts arrangement				
						DESIGN DIMENSION ☐ MM ☐ IN.				 MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 95/06/19	
						EQUIVALENT DIMENSION ☐ MM ☐ IN.		SCALE		PART NO. 85001-0074	DWG NO. SDA-85001-0074	SIZE A		
						IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY								

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9