

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850090048

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M, Right Angle, Through Hole, 0.6µ (24µ") Selective Gold (Au), 42 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-85003-0001 \(PDF\)](#)

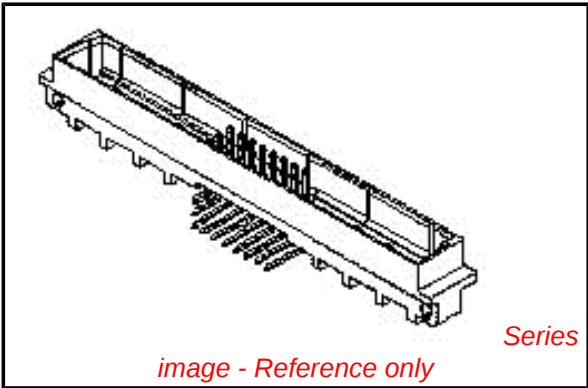
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85009
Application	Backplane
Comments	Mixed Layout
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	M

Physical	
Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	42 + 6
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	14
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	None
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

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

85009Series

Mates With

DIN 41612/IEC 603-2 Mixed Layout Connector [85048](#) , [85056](#)

Use With

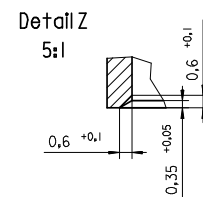
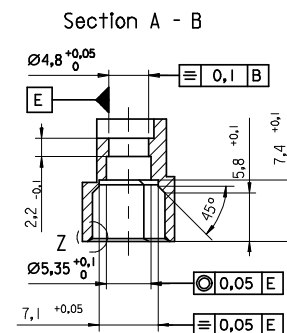
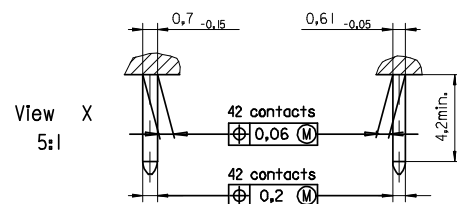
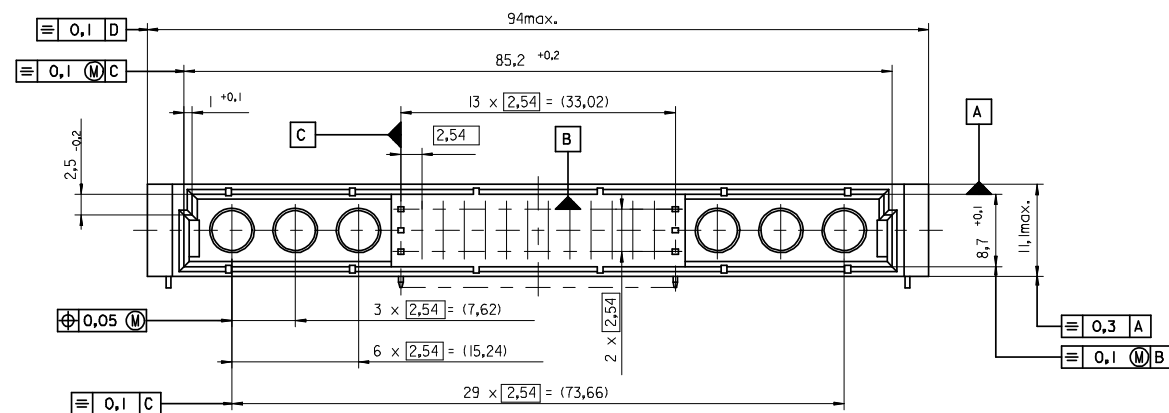
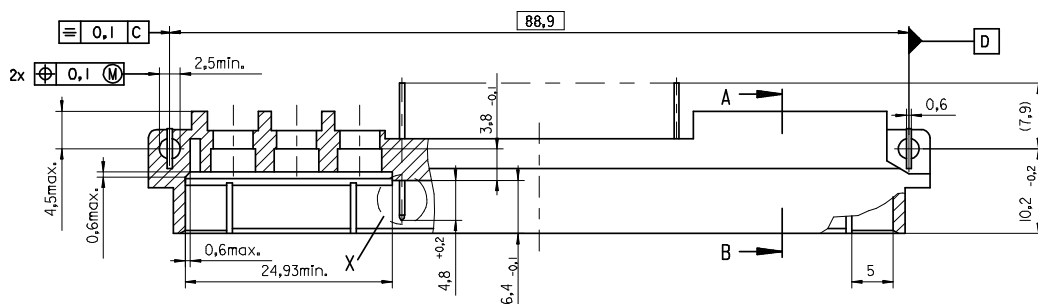
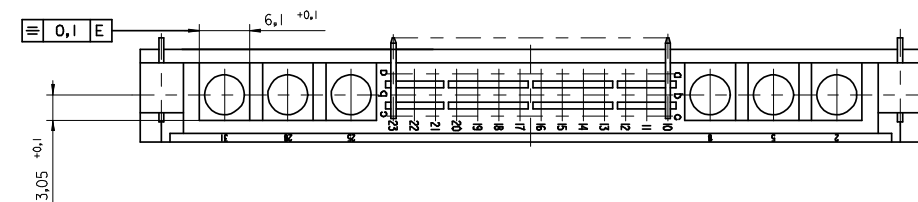
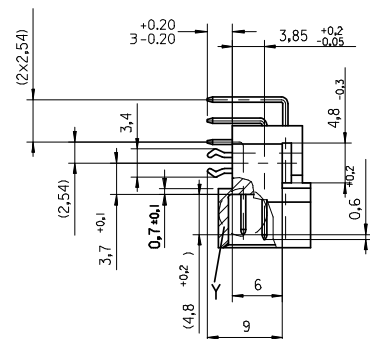
[85023](#) DIN 41612 Coaxial Contact

Reference - Drawing Numbers

Packaging Specification	PK-85009-001
Product Specification	PS-85003-0001
Sales Drawing	SDA-85009-0002, SDA-85009-0048

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ENTER DESCRIPTION EC NO: I2009-00739 DWGNSJ CHKD:KPRASAO APPR:KPRASAO	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE 42PQS. MALE DIN CONNECTOR DIN 41612 STYLE M MOLEX INCORPORATED		
			4 PLACES	±---	±---	CA	1995/06/12			
			3 PLACES	±---	±---	CHECKED BY	DATE			
			2 PLACES	±---	±---	KN	1995/06/12			
			1 PLACE	±---	±---	APPROVED BY	DATE			
			ANGULAR ± 2 °		KN	1995/06/12	SDA-85009-0002	SHEET NO. 1 OF 3		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. -----					DOCUMENT NO.
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

VIEW ON MATING SIDE

[illegible]

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|---|---|----|----------|----------|-------|
| A | = | 14 | STANDARD | CONTACTS | L = 3 |
| B | = | 14 | STANDARD | CONTACTS | L = 3 |
| C | = | 14 | STANDARD | CONTACTS | L = 3 |

S = 42 TOTAL NUMBER OF CONTACTS

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85009-0002 sht.1
Technical Data	PS-85003-0001

C	G2/0	c10-23
B	G2/0	b10-23
A	G2/0	a10-23
Contact symbol	Per form. level	Contact position number

C	see ECN No. 2204 96/07/18 Cd	LTR	REVISIONS		FOR PREVIOUS REVISIONS SEE MRJ LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±°		SIGN	DRWG BY Ca	SIGN	REVISIONS ONLY ON CAD SYSTEM		SH.	REV.
			3 PLACE ± •		±	TITLE	CAD/CAM PROJECT NAME s8500900 s41	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			2 PLACE ± •		±										
			1 PLACE ± •		±										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SIGN	CHK'D BY	SIGN							
			DESIGN DIMENSION ☐ MM ☐ IN.												
			EQUIVALENT DIMENSION ☐ MM ☐ IN.		SCALE	PART NO.	DWG NO.	SIZE							
			IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION LOWER IS SECONDARY												
												MOLEX® MOLEX EUROPE			
						42 pos. Male connector acc. DIN 41612 style M contacts arrangement				85009-0048		SDA-85009-0048		A	

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

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