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Part Number:

0850420957

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style C/2, 48 Circuits

Documents:	
3D Model	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85042
Application	Daughtercard
Component Type	PCB Receptacle
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	C/2
Physical	
Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	Rows A, B, & C
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	Vertical
PC Tail Length (in)	0.177 In
PC Tail Length (mm)	4.50 mm
PCB Locator	No
PCB Retention	Yes
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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Electrical	
Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	29
Shielded	No
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

[85042Series](#)

Mates With

DIN 41612 Headers [85003](#) , [85013](#)

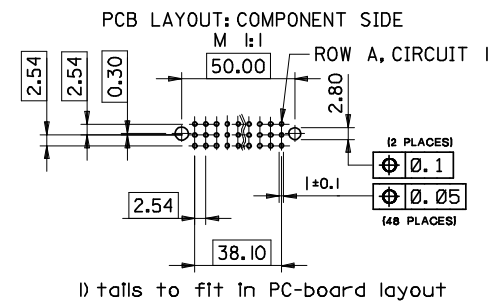
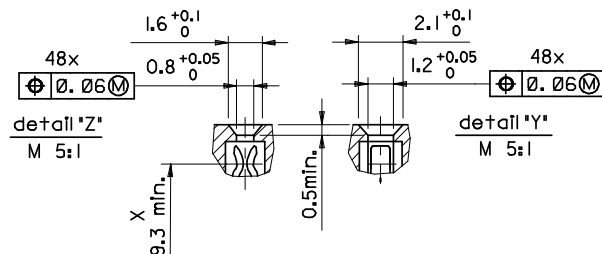
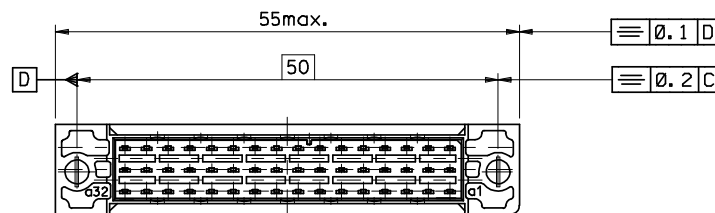
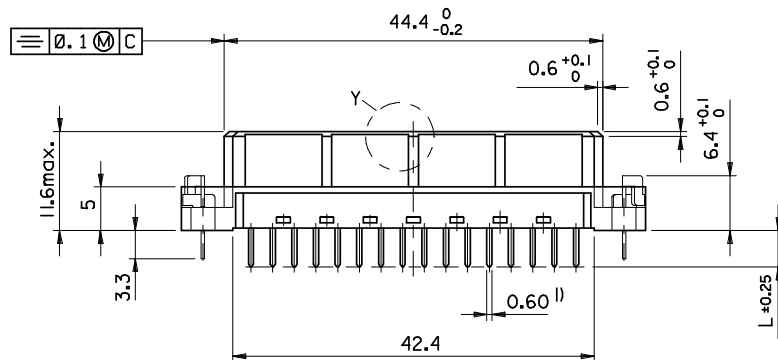
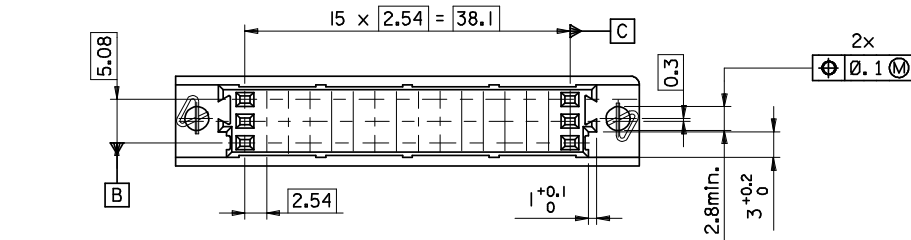
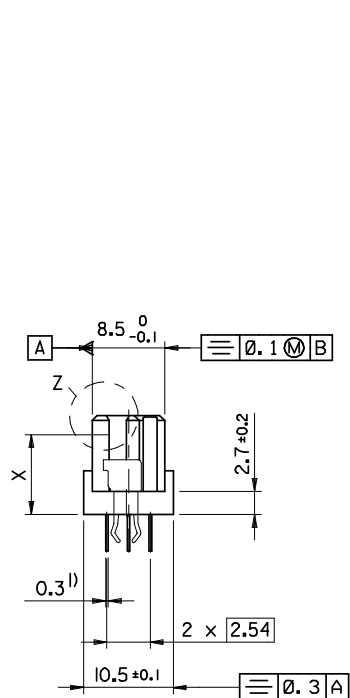
Reference - Drawing Numbers

Sales Drawing

SD-85042-0002, SDA-85042-0957

This document was generated on 05/17/2010

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ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: 12009-0082		DRAWN BY: SUMESH		DATE: 2008/08/13		MM ONLY		---		METRIC		THIRD ANGLE PROJECTION	
2008/08/20		CHECKED BY: KPRASAD		DATE: 2008/08/13		DRAWN BY: SUMESH		DATE: 2008/08/13		TITLE: 48 POS. FEMALE CONNECTOR		SHEET NO. 1 OF 1	
2008/08/25		APPROVED BY: KPRASAD		DATE: 2008/08/13		CHECKED BY: KPRASAD		DATE: 2008/08/13		DIMENSIONS		MATERIAL NO. 850426115	
2008/08/26		REV: C		DESCRIPTION: ENTER DESCRIPTION		APPROVED BY: KPRASAD		DATE: 2008/08/13		DOCUMENT NO. SD-85042-0002		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
4 PLACES ± ---		mm		INCH		3 PLACES ± ---		2 PLACES ± ---		1 PLACE ± ---		ANGULAR ± ---°	
DRAFT WHERE APPLICABLE		MUST REMAIN		WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

VIEW ON MATING SIDE

U	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
W	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
X	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17																	

A = 48 STANDARD CONTACTS L=4,5

Marking	Standard	
Performance level	G2/0 = Contact area level2 / Termination tin	
Flux proof	yes	
Fixing clip	no	
Dimensions	SDA-85042-0002 sht.1	
TechnicalData	PS-85042-0001	

A	G2/0	a1-l6	b1-l6	c1-l6													
Contact symbol	Perform. level	Contact position number															

first release see ECN No. 2154	REVISIONS	FOR PREVIOUS REVISIONS SEE MRL LIST				UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$ INCH METRIC 3 PLACE $\pm$. $\pm$ 2 PLACE $\pm$. $\pm$ 1 PLACE $\pm$. $\pm$ 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 Cd	SIGN	REVISE ONLY ON CAD SYSTEM				SH.	REV.					
		CADCAM PROJECT NAME s8504209 s51							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
		TITLE 48 pos. female connector acc. DIN 41612 style C/2 contacts arrangement																	
A	LTR					SCALE				PART NO. 85042-0957		DWG NO. SDA-85042-0957		SHEET NO. 1 OF 1		DATE 96/05/23		SIZE A	

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<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.

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