

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850090373

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, 0.6µm (24 µ") Selective Gold (Au), with 2 First-Mate-Last-Break Pins, 48 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	Yes
Flammability	94V-0
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

85048 , 85056

Use With

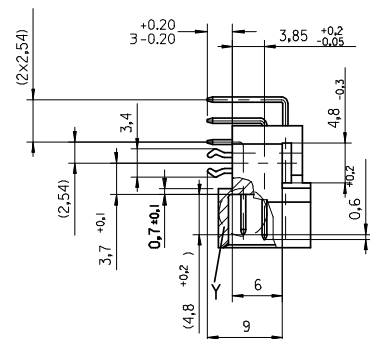
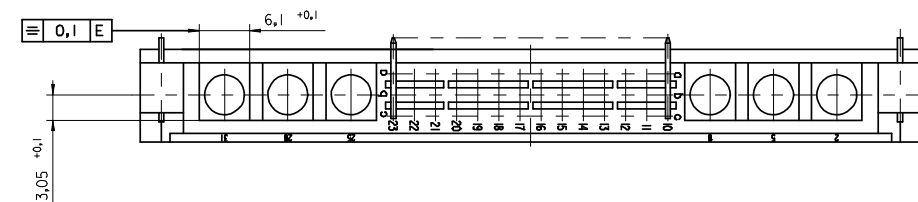
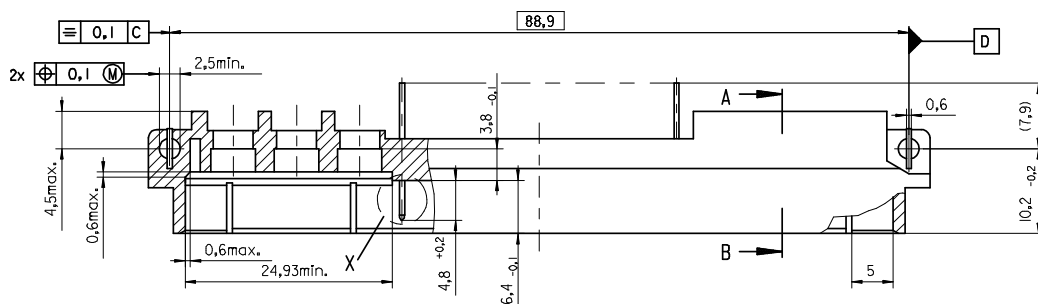
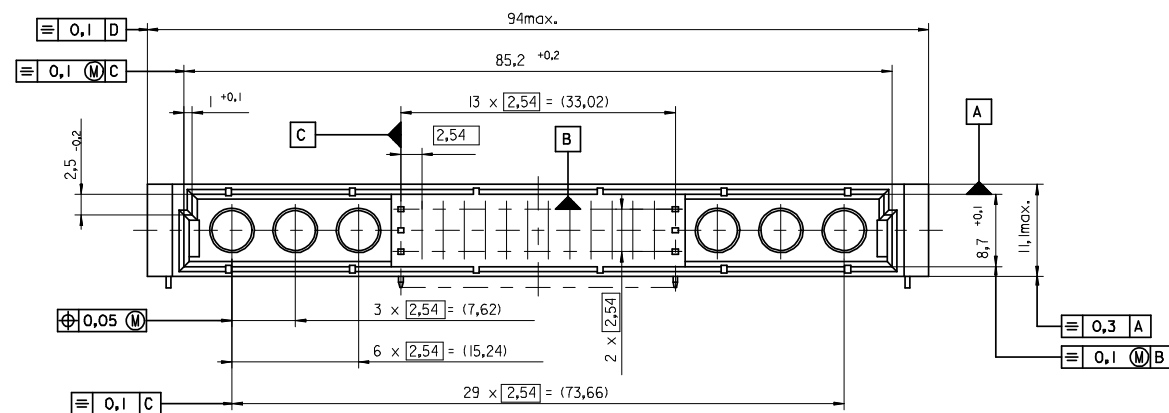
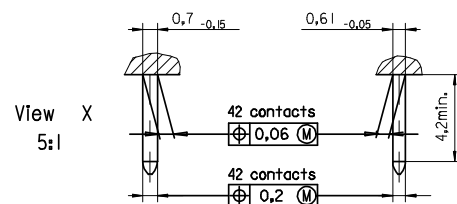
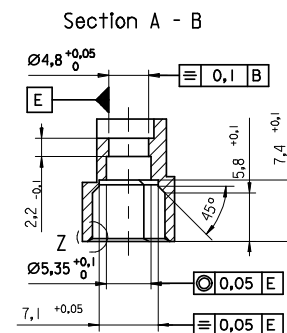
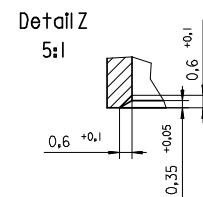
85023

Reference - Drawing Numbers

Packaging Specification	PK-85009-001
Product Specification	PS-85003-0001
Sales Drawing	SDA-85009-0002, SDA-85009-0373

This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



ENTER DESCRIPTION	EC NO: I2009-0039	2008/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	DRWNSJ	2008/07/31			MM ONLY		2:1	METRIC		
	CHKD:KPRASAO	2008/08/11			DRAWN BY DATE		TITLE			
	APPR:KPRASAO				CA 1995/06/12		42PQS.			
REV	B		▽=0	4 PLACES ± --- ± ---	mm	INCH	MALE DIN CONNECTOR		DIN 41612 STYLE M	
			▽=0	3 PLACES ± --- ± ---			MOLEX INCORPORATED			
				2 PLACES ± --- ± ---			DOCUMENT NO.		SHEET NO.	
				1 PLACE ± --- ± ---			SDA-85009-0002		1 OF 3	
				ANGULAR ± 2 °	APPROVED BY DATE					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	KN 1995/06/12					
					MATERIAL NO.					
					SIZE A 2					
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

