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Part Number: [0850090115](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Male Style M, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), 80 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 [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) 80
Circuits (maximum) 80
Circuits Detail 78 + 2
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 26
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

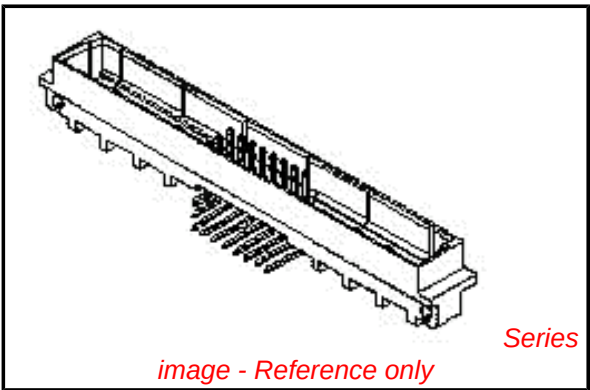


image - Reference only

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
[85009Series](#)

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

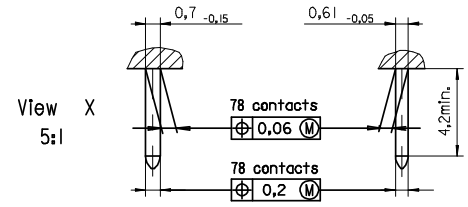
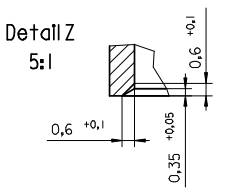
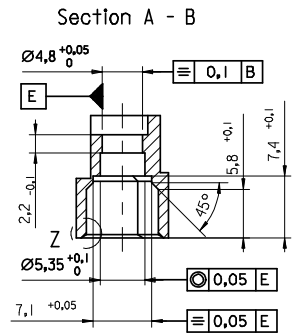
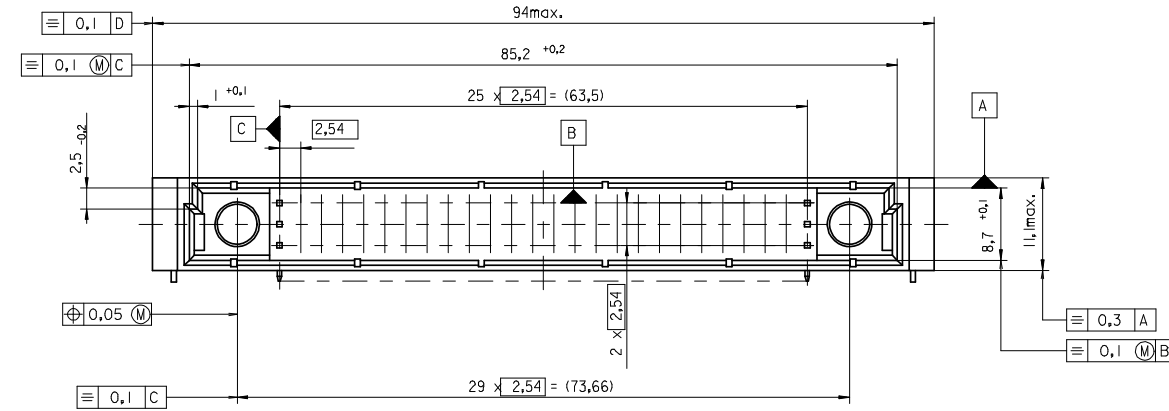
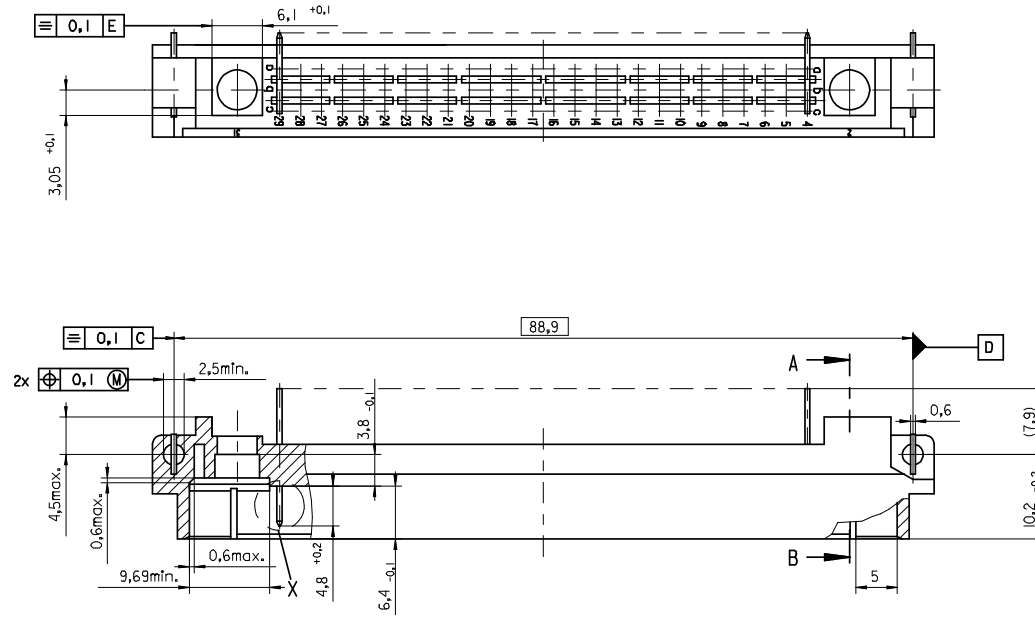
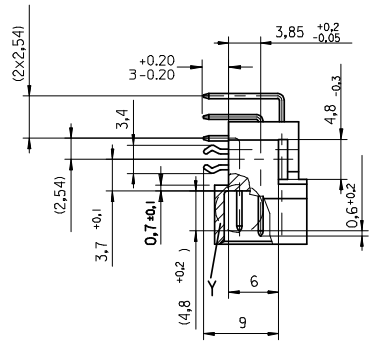
Use With
[85023](#) DIN 41612 Coaxial Contact

Reference - Drawing Numbers

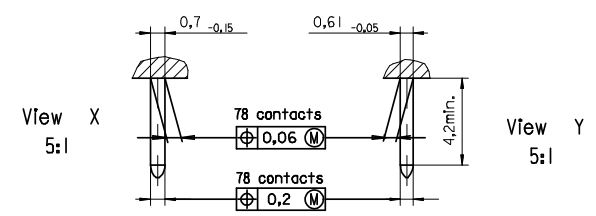
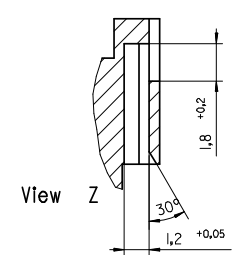
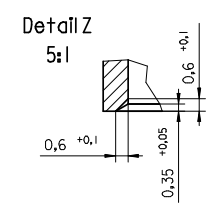
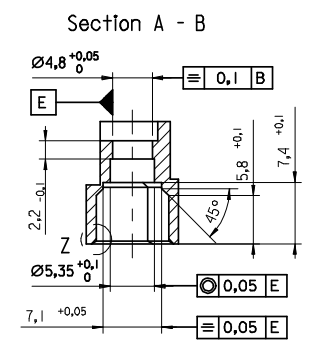
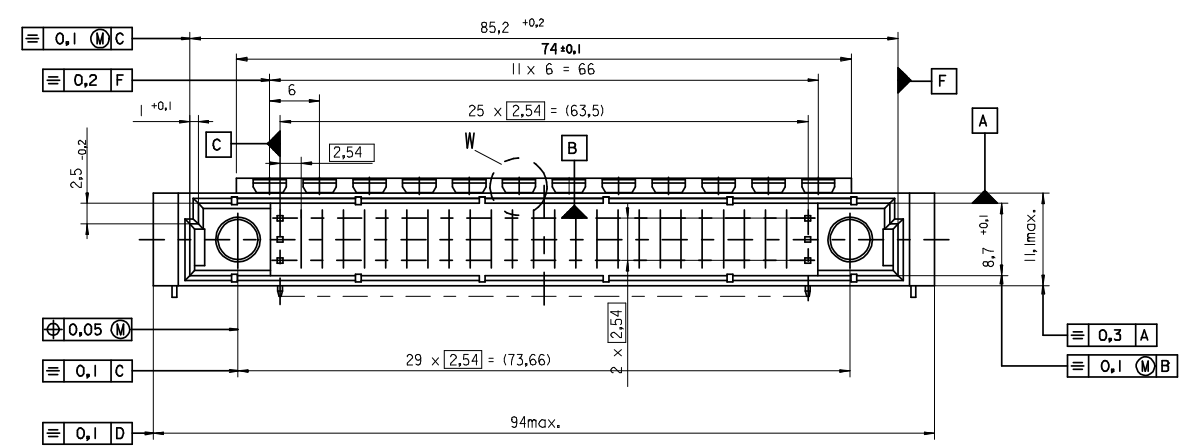
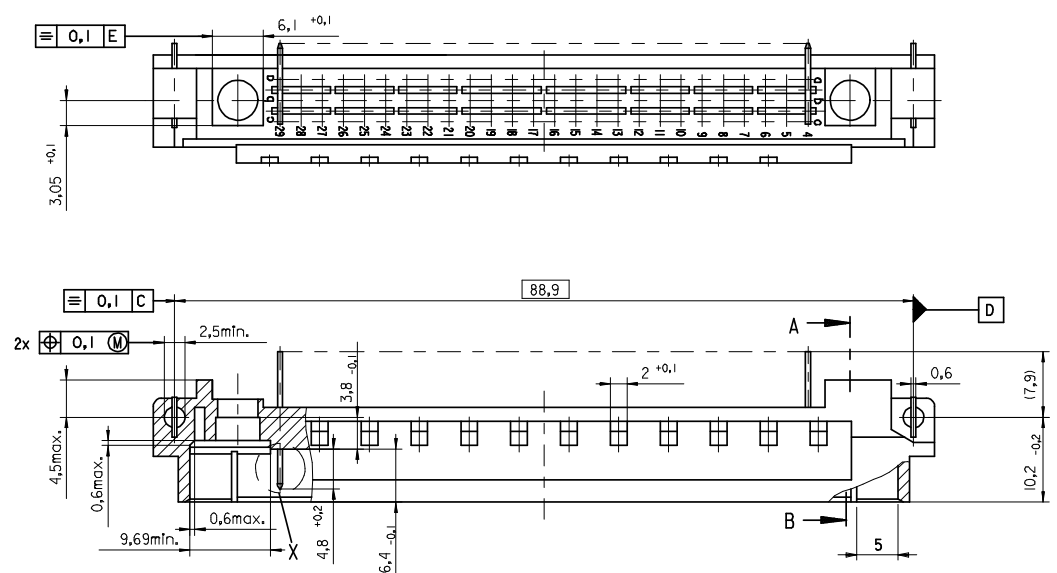
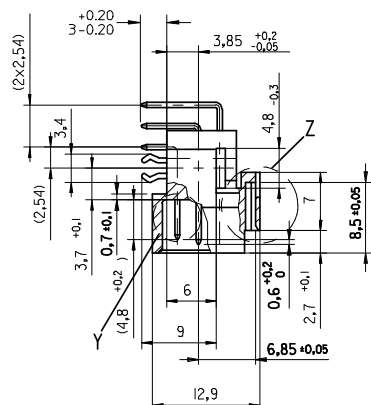
Packaging Specification	PK-85009-001
Product Specification	PS-85003-0001
Sales Drawing	SDA-85009-0004, SDA-85009-0115

This document was generated on 05/17/2010

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ENTER DESCRIPTION EC NO: I2009-0039 DRWNSJ CHYKD:KPRASAD APPR:KPRASAD	2008/07/28 2008/07/31 2008/08/11	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 CA	DATE 1995/06/13	TITLE 78POS. MALE DIN CONNECTOR DIN 41612 STYLE M						
				4 PLACES	± ---	± ---	CHECKED BY KN	DATE 1995/06/13							
				3 PLACES	± ---	± ---	APPROVED BY KN		DATE 1995/06/13		MOLEX INCORPORATED				
				2 PLACES	± ---	± ---									
				1 PLACE	± ---	± ---	MATERIAL NO. -----		DOCUMENT NO. SDA-85009-0004		SHEET NO. 1 OF 2				
				ANGULAR ± 2 °											
				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								



ENTER DESCRIPTION EC NO: 12009-0039 DRWNSJ CHKD:KPRASAD APPR:KPRASAD 2008/07/28 2008/07/31 2008/08/11		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr></table> ANGULAR ± 2 °		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH																	
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3 PLACES	± ---	± ---																					
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1 PLACE	± ---	± ---																					
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REV	B	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. -----		DOCUMENT NO. SDA-85009-0004		SHEET NO. 2 OF 2																
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				

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