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Part Number: [0850090359](#)
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, 1µm (40µ") 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

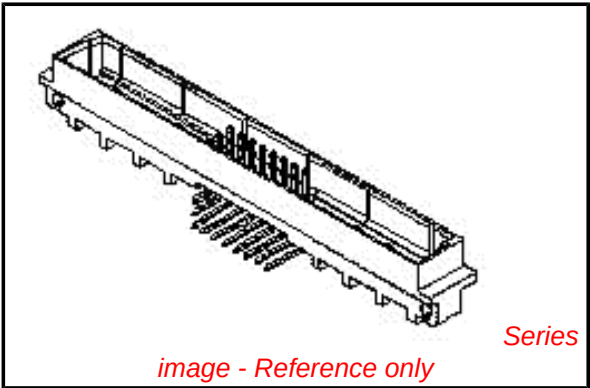
Physical

Circuits (Loaded) 80
Circuits (maximum) 80
Circuits Detail 78 + 2
Durability (mating cycles max) 500
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 1A
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



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](#)

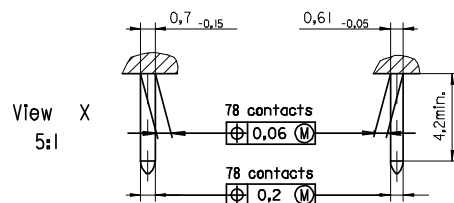
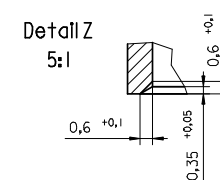
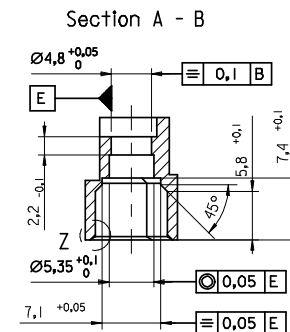
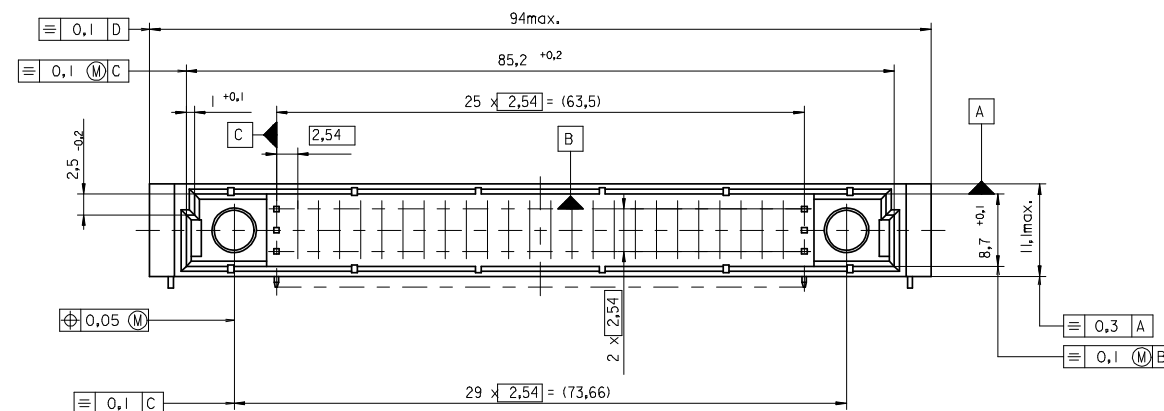
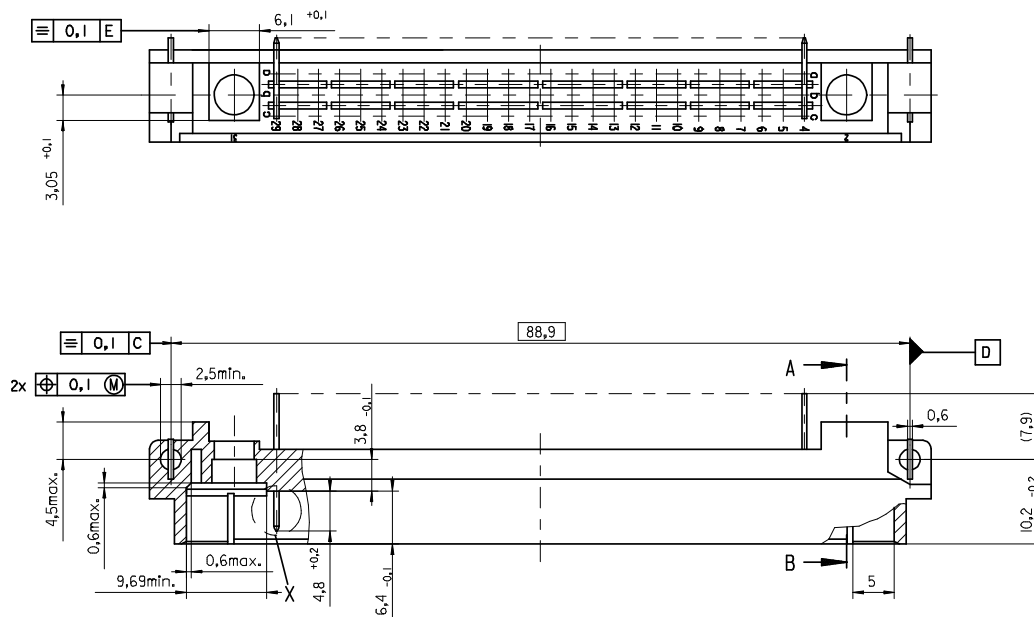
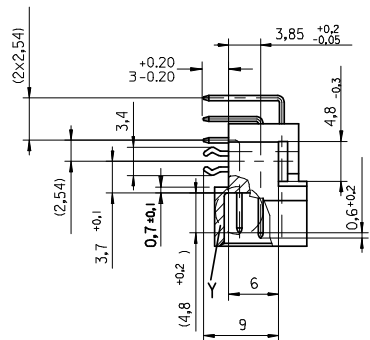
Use With
[85023](#) DIN 41612 Coaxial Contact

Reference - Drawing Numbers

Packaging Specification	PK-85009-001
Product Specification	PS-85003-0001
Sales Drawing	SDA-85009-0004, SDA-85009-0359

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ENTER DESCRIPTION EC NO: I2009-0039 DRWNSJ CHYD-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 78POS. MALE DIN CONNECTOR DIN 41612 STYLE M					
					mm	INCH	DRAWN BY CA	DATE 1995/06/13	TITLE						
				4 PLACES	±---	±---	CHECKED BY KN		DATE 1995/06/13		MOLEX INCORPORATED				
				3 PLACES	±---	±---	APPROVED BY KN		DATE 1995/06/13		SDA-85009-0004				
				2 PLACES	±---	±---	MATERIAL NO. -----		DOCUMENT NO.		SHEET NO. 1 OF 2				
		REV		ANGULAR ± 2 °		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

