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Part Number:

0850090684

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 First-Mate-Last-Break Pins, 32 Circuits

Documents:

[3D Model](#)

[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)	32
Circuits (maximum)	32
Circuits Detail	24 + 8
Durability (mating cycles max)	400
First Mate / Last Break	Yes
Flammability	94V-0
Keying to Mating Part	Yes
Number of Columns	8
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

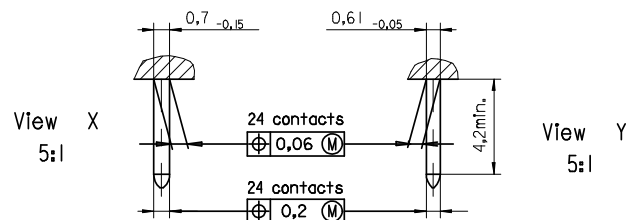
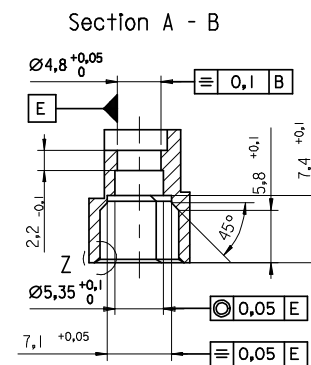
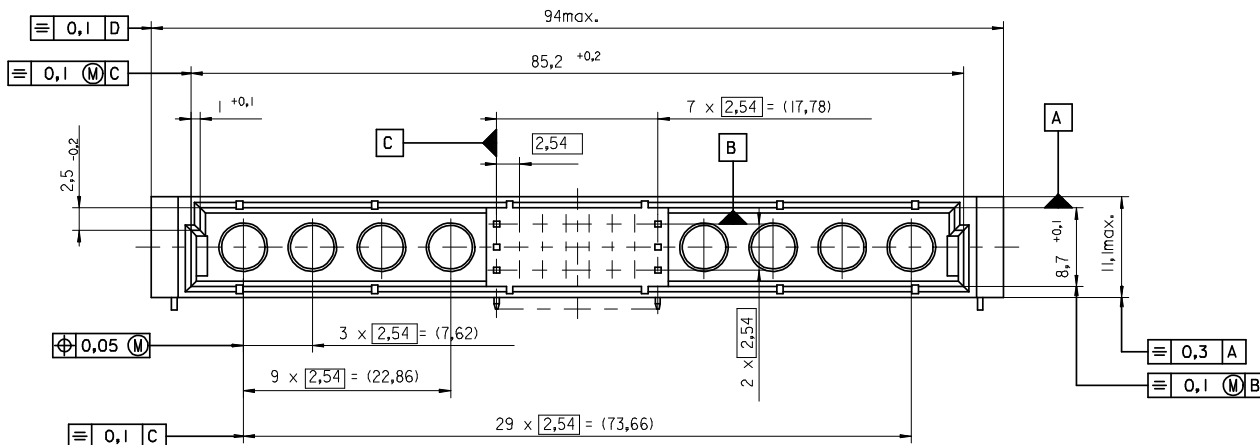
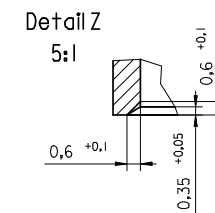
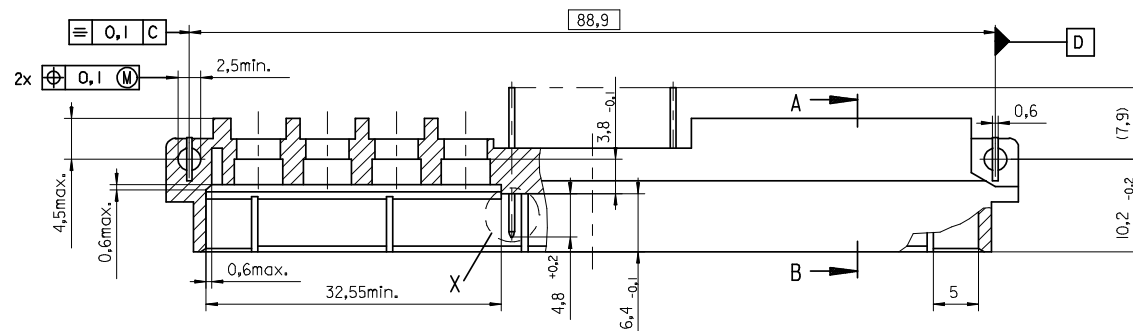
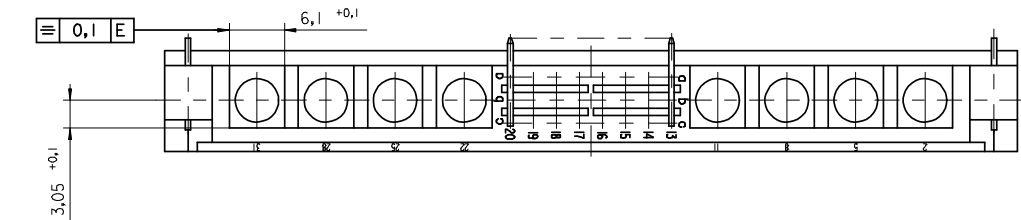
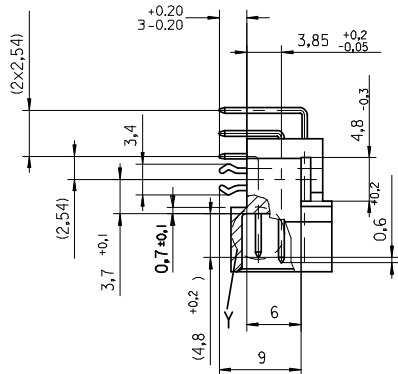
Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-85009-001
SDA-85009-0001, SDA-85009-0684

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EC NO: I2009-0039 2008/07/28 DRWNSJ CHKD:KPRASAD APPR:KPRASAD 2008/08/11	QUALITY SYMBOLS = =	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY CA	DATE 1995/06/12	TITLE 24POS. MALE DIN CONNECTOR DIN 41612 STYLE M				
REV B	DESCRIPTION	4 PLACES	±	±	CHECKED BY KN	DATE 1995/06/12	MOLEX INCORPORATED SDA-85009-0001 SHEET NO. 1 OF 2			
		3 PLACES	±	±	APPROVED BY KN	DATE 1995/06/12				
		2 PLACES	±	±	MATERIAL NO.		DOCUMENT NO.			
		1 PLACE	±	±	SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		ANGULAR ± 2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

