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Part Number:

0850090086

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 M Style Male Header, Right Angle, Through Hole, 60 Circuits, without Mounting Clips, No Flux Proof

Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-85003-0001 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85009
Application	Backplane
Comments	No Mounting Clips. No Flux Proof
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	M
Physical	
Circuits (Loaded)	60
Circuits (maximum)	60
Circuits Detail	Standard Contacts at: A:a7-a26; B:b7-b26; C:c7-c26
Durability (mating cycles max)	400
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Columns	20
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	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
Plating min: Mating (µin)	24
Plating min: Mating (µm)	0.60
Plating min: Termination (µin)	98
Plating min: Termination (µm)	2.5
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No

EU RoHS

China RoHS

Compliance Status

Not Reviewed

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

Temperature Range - Operating
Termination Interface: Style

-55°C to +125°C
Through Hole

Electrical

Current - Maximum per Contact
Data Rate
Voltage - Maximum

1A
622.0 Mbps
250V AC (RMS)

Material Info

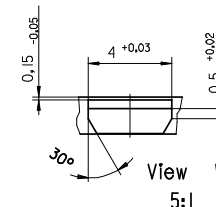
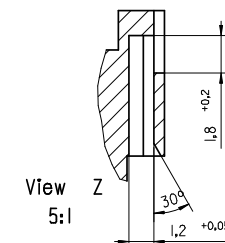
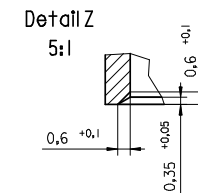
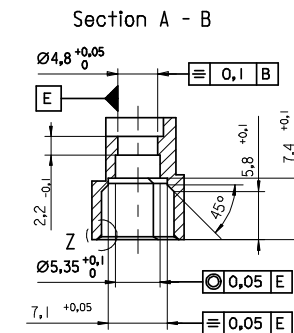
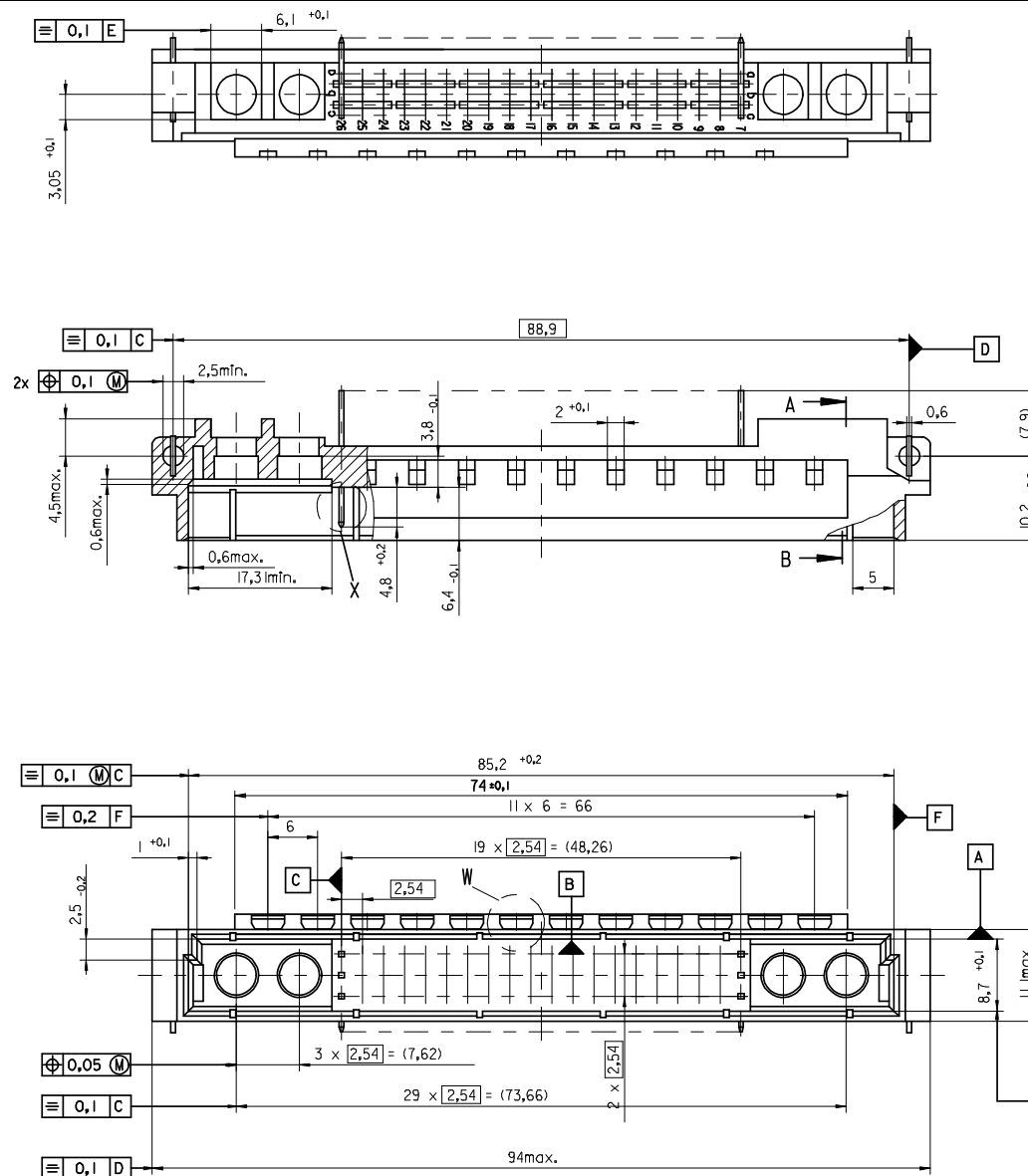
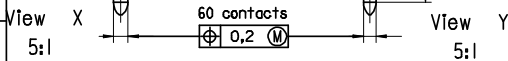
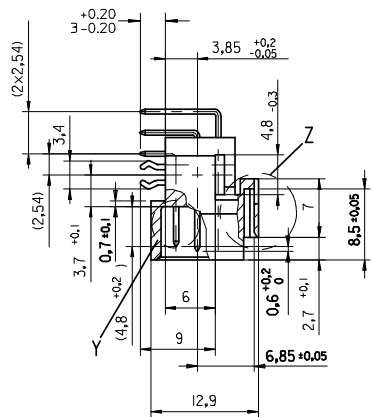
Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-85009-001
PS-85003-0001
SDA-85009-0003, SDA-85009-0086

This document was generated on 05/17/2010

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ENTER DESCRIPTION EC NO: I2009-0039 DRWNSJ CHKD: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 60POS. MALE DIN CONNECTOR DIN 41612 STYLE M				
			4 PLACES	±---	±---	CHECKED BY KN		DATE 1995/06/13		MOLEX INCORPORATED		
			3 PLACES	±---	±---	APPROVED BY KN		DATE 1995/06/13				
			2 PLACES	±---	±---	MATERIAL NO. -----		DOCUMENT NO. SDA-85009-0003		SHEET NO. 2 OF 2		
			1 PLACE		±---	±---						
			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					

