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Part Number:

0850091005

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 M Style Male Header, Right Angle, Through Hole, 24 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)	24
Circuits (maximum)	24
Circuits Detail	Standard Contacts at: B:b13-b20; C:c13-c20. First-Mate-Last-Break Contacts at: Z:a13-a20
Durability (mating cycles max)	400
First Mate / Last Break	Yes
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	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	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

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

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

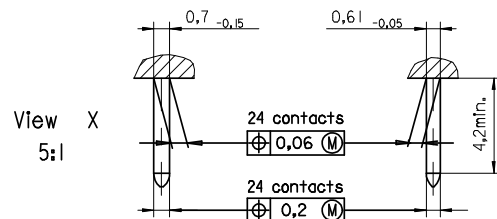
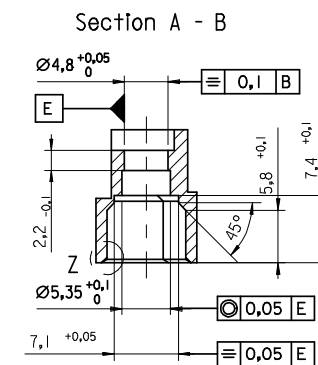
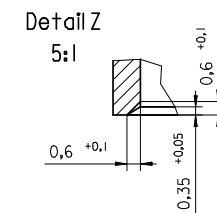
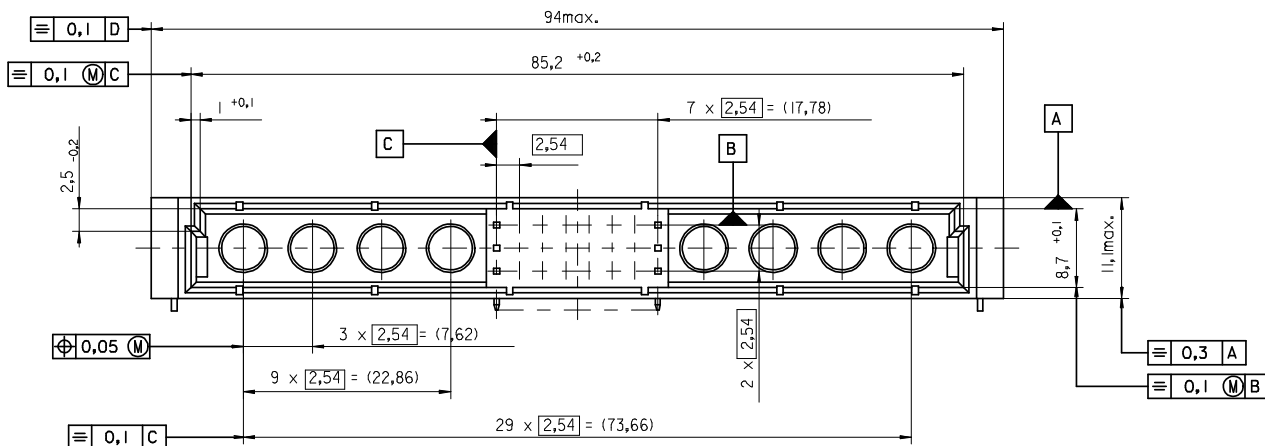
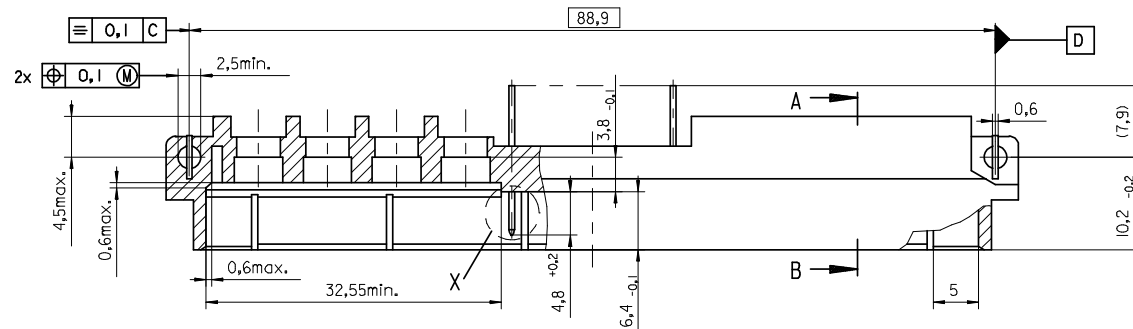
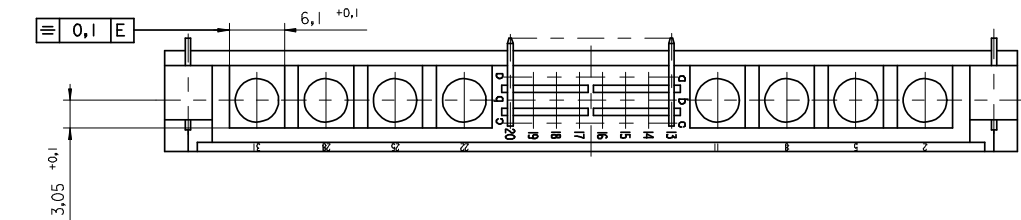
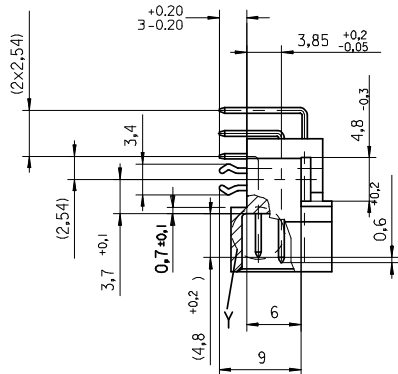
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85009-001
Product Specification	PS-85003-0001
Sales Drawing	SDA-85009-0001, SDA-85009-1005

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EC NO: I2009-0039 2008/07/28 DRWNSJ CHKD:KPRASAD 2008/07/31 APPR:KPRASAD 2008/08/11	QUALITY SYMBOLS ▽ = ▽ =	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY	DATE	TITLE 24POS. MALE DIN CONNECTOR DIN 41612 STYLE M MOLEX INCORPORATED					
			4 PLACES	± ---	± ---	CA	1995/06/12						
			3 PLACES	± ---	± ---	CHECKED BY	DATE						
			2 PLACES	± ---	± ---	KN	1995/06/12						
			1 PLACE	± ---	± ---	APPROVED BY	DATE						
			ANGULAR ± 2 °		KN	1995/06/12	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			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						
					-----		SDA-85009-0001		1 OF 2				

View on mating side

[illegible]

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B =	8 standard contacts	L=3
C =	8 standard contacts	L=3
Z =	8 FMLB contacts	+0.6 L=3
S =	24 total number of contacts	

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85009-0001 sht.1
Technical Data	PS-85003-0001

Z	G2/0	a13-20
C	G2/0	c13-20
B	G2/0	b13-20
Contact symbol	Per form. level	Contact position number

[illegible]