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Part Number:

0850420189

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style C, 64 Circuits

Documents:	
3D Model	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	85042
Application	Daughtercard
Component Type	PCB Receptacle
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	C
Physical	
Circuits (Loaded)	64
Circuits (maximum)	96
Circuits Detail	Rows A & C
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	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.177 In
PC Tail Length (mm)	4.50 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
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Electrical	
Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	29
Shielded	No
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

85042Series

Mates With

DIN 41612 Headers 85003 , 85013

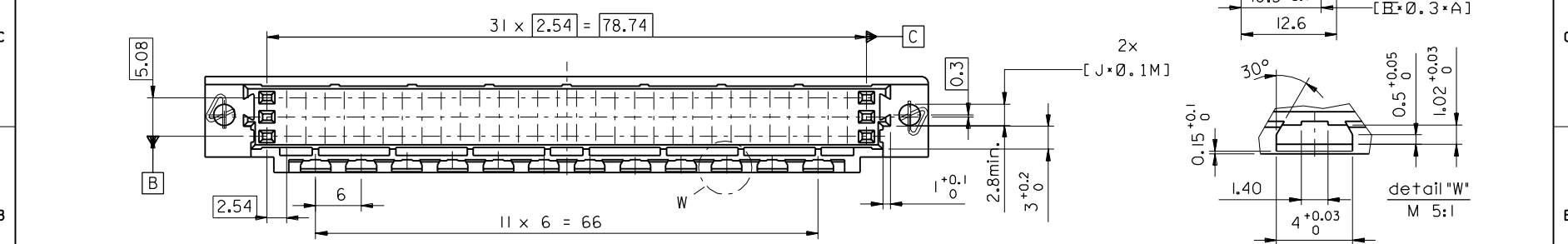
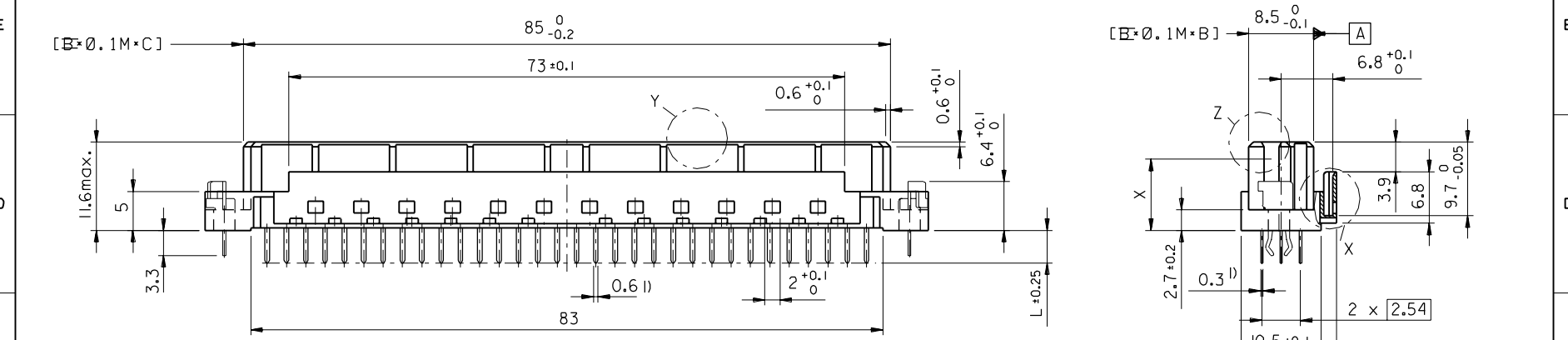
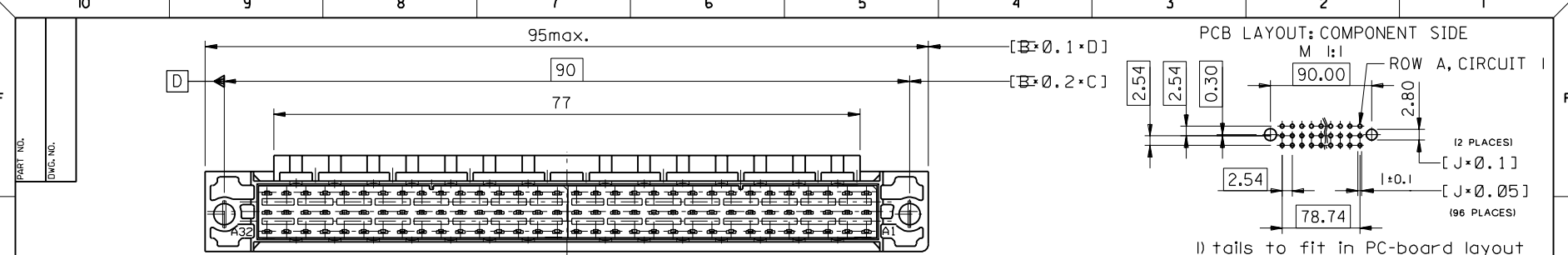
Reference - Drawing Numbers

Sales Drawing

SDA-85042-0001, SDA-85042-0189

This document was generated on 05/17/2010

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7132-1283 PART NO. DWG. NO.		95max. 90 77		[B*0.1*D] [B*0.2*C]		PCB LAYOUT: COMPONENT SIDE M 1:1 ROW A, CIRCUIT 1 (2 PLACES) [J*0.1] [J*0.05] (196 PLACES)	
85^{+0/-0.2} 73^{+0.1} 0.6^{+0.1/0} 0.6^{+0.1/0} 6.4^{+0.1/0} 11.6max. 5 3.3 0.6 2^{+0.1/0} 83 L+0.25 [B*0.1M*C]		8.5^{+0/-0.1} 6.8^{+0.1/0} 3.9 6.8 9.7^{+0.05} 2.7^{+0.2} 0.3 2 x [2.54] 10.5^{+0.1} 12.6 [B*0.3*A] [J*0.1M]		1.2^{+0.05/0} 1.8^{+0.2/0} 30° detail "X" M 5:1 90° twisted 96 x [J*0.06M] 0.8^{+0.05/0} 2.1^{+0.1/0} 1.2^{+0.05/0} 96 x [J*0.06M] detail "Y" M 5:1 9.3 min. 0.5 min. X detail "W" M 5:1		95max. 90 77 [B*0.1*D] [B*0.2*C] PCB LAYOUT: COMPONENT SIDE M 1:1 ROW A, CIRCUIT 1 (2 PLACES) [J*0.1] [J*0.05] (196 PLACES)	
31 x [2.54] = [78.74] 5.08 [B] [C] 0.3 1^{+0.1/0} 2.8min. 3^{+0.2/0} 11 x 6 = 66 W [J*0.1M]		1.2^{+0.05/0} 1.8^{+0.2/0} 30° detail "X" M 5:1 90° twisted 96 x [J*0.06M] 0.8^{+0.05/0} 2.1^{+0.1/0} 1.2^{+0.05/0} 96 x [J*0.06M] detail "Y" M 5:1 9.3 min. 0.5 min. X detail "W" M 5:1		95max. 90 77 [B*0.1*D] [B*0.2*C] PCB LAYOUT: COMPONENT SIDE M 1:1 ROW A, CIRCUIT 1 (2 PLACES) [J*0.1] [J*0.05] (196 PLACES)		95max. 90 77 [B*0.1*D] [B*0.2*C] PCB LAYOUT: COMPONENT SIDE M 1:1 ROW A, CIRCUIT 1 (2 PLACES) [J*0.1] [J*0.05] (196 PLACES)	

ECN MG998-2583 Schraege, Lochbild 97-09-17 KN		REVISIONS FOR PREVIOUS REVISIONS SEE MRI LIST UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2° INCH METRIC 3 PLACE ± ± 2 PLACE ± ± 1 PLACE ± ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DESIGN DIMENSION ☒ MM ☐ IN. EQUIVALENT DIMENSION ☐ MM ☐ IN. IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY		FIRST ANGLE PROJECTION DRWG BY KN CHK'D BY Ca APP'D BY JB SCALE 2:1		REVISE ONLY ON CAD SYSTEM CAD/CAM PROJECT NAME 85042000 812 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION TITLE 96 pos. female connector DIN 41612 style C, + clip with coding, dimensions MOLEX MOLEX EUROPE SHEET NO. DATE 2 of 2 96/04/30 PART NO. DWG NO. SDA-85042-0001 SIZE B	
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