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Part Number: 0850426153
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612 Receptacle, Style C, 64 Circuits

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

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

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)	50
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)	0.114 In
PC Tail Length (mm)	2.90 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)

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info

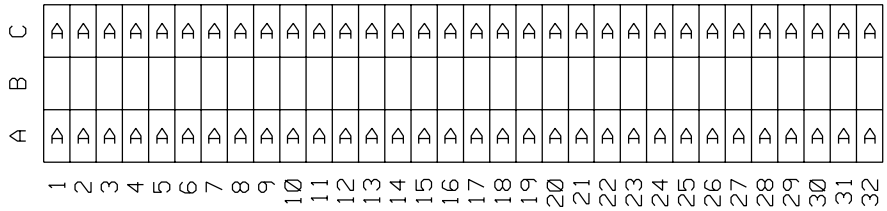
Reference - Drawing Numbers

Sales Drawing	SD-85042-6153, SDA-85042-0001

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VIEW ON MATING SIDE



A = 64 STANDARD CONTACTS L=2,9

Marking	Standard
Performance level	G3/0 = Contact area level3 / Termination tin
Flux proof	no
Fixing clip	yes
Dimensions	SDA-85042-0001 sht.1
TechnicalData	PS-85042-0001

A	G3/0	a1-32 c1-32
Contact symbol	Perform. level	Contact position number

LTR	REVISIONS	
A	ECN 2486 first release	

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

DRWG BY	KN	SIGN
CHK'D BY	Ca	SIGN
APP'D BY	JB	SIGN
SCALE		

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM PROJECT NAME s8504261 s51

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TITLE

96 pos. female connector acc. DIN 41612 style C contacts arrangement

MOLEX EUROPE

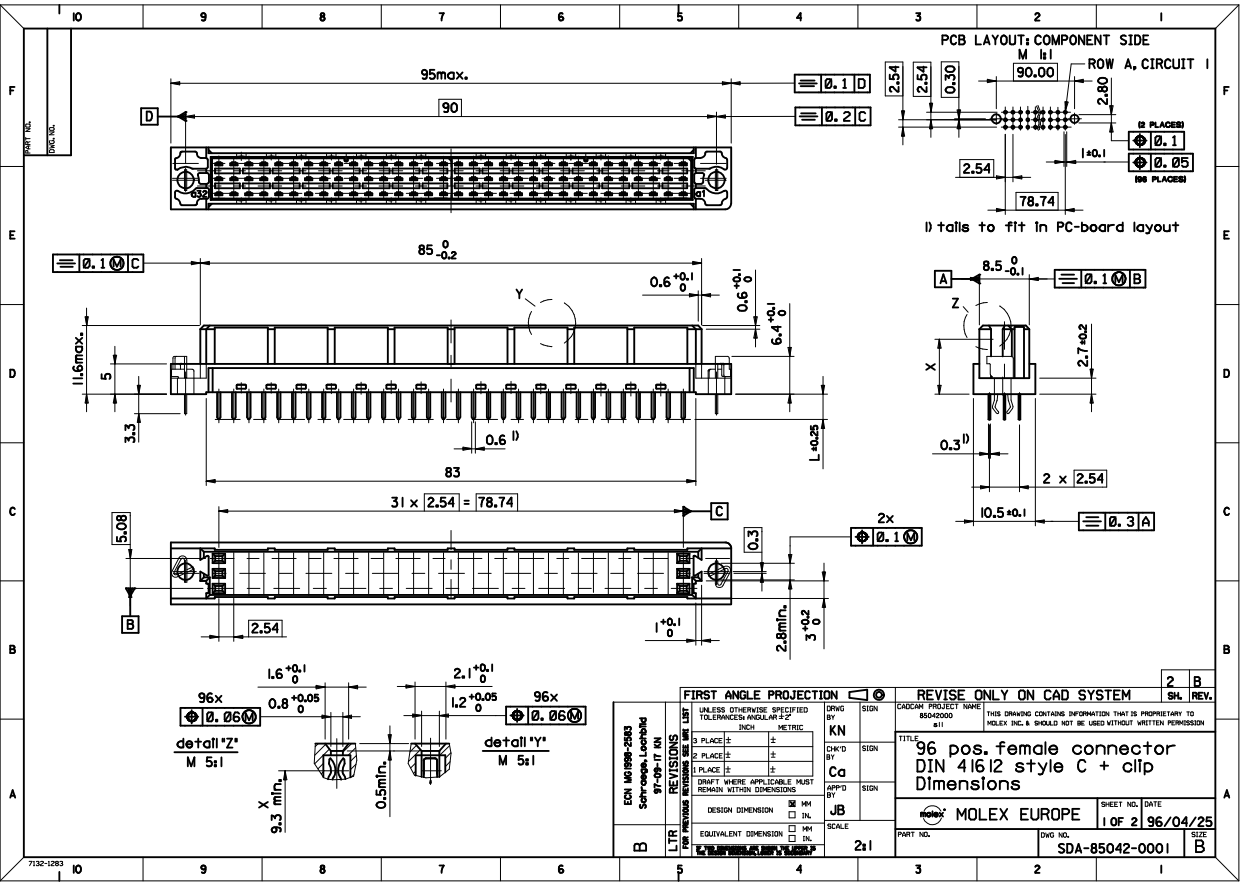
SHEET NO. 1 OF 1

DATE 97/05/13

PART NO. 85042-6153

DWG NO. SD-85042-6153

SIZE A



SHT. 1 OF	MR1-

MODIFICATION RECORD INDEX

ECN	ISS.	DATE	INIT.	SHTS. AFFECTED	DESCRIPTION OF MOD.
2213	A	96.04.26	KN	1 / 2	first release
2253	A1	96.10.01	KN	1	Kontur ueber Rastfenster
2583	B	97.09.17	KN	1	Schraege im Flanschbereich Lochbild

MOLEX EUROPE — REVISE ONLY ON CAD SYSTEM

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LEVEL CHART

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10	26	42	58 Notes/text - English
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