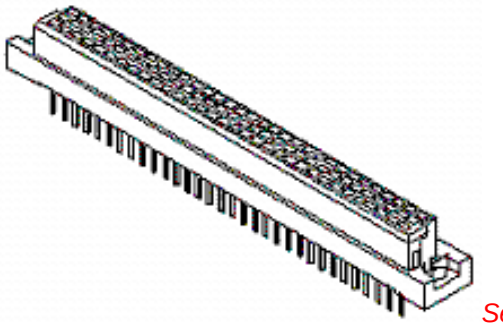
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0850420268
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)



Series image - Reference only

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)	0.114 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)

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

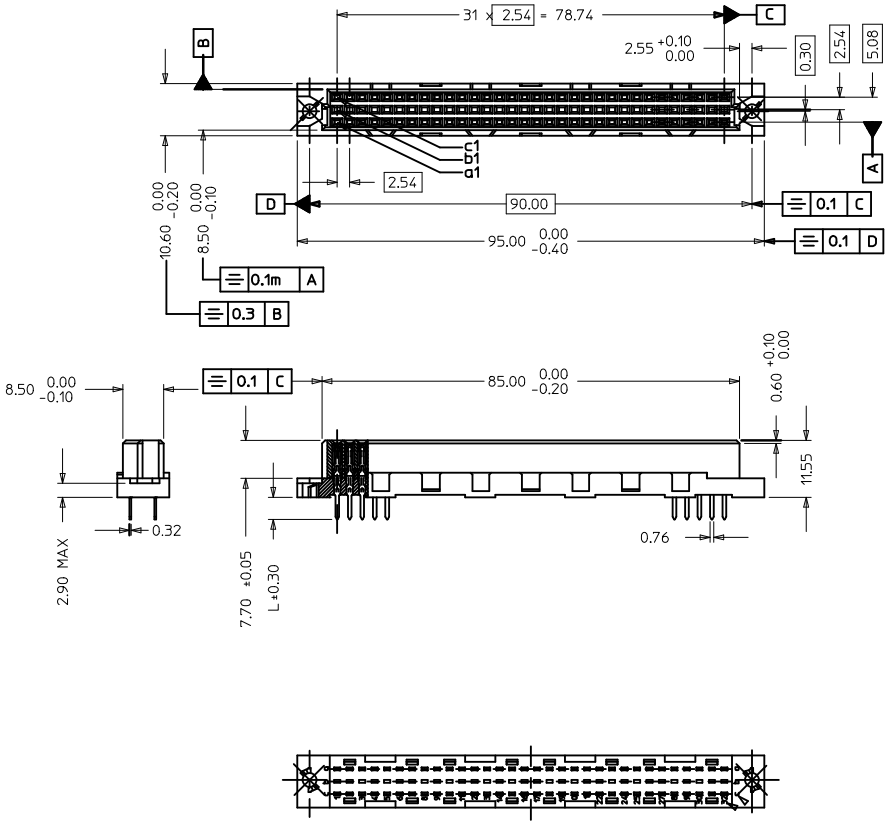
Reference - Drawing Numbers

Sales Drawing	SD-85042-268, SDA-85042-0001, SDA-85042-0268

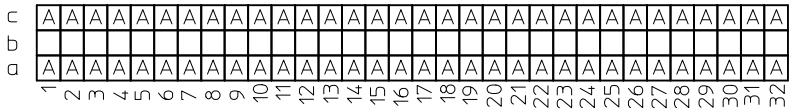
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MATERIAL No	PERFORMANCE LEVEL	PLATING	CONTACT SEQUENCE/ROW	DIM "L" mm	HOUSING TOP NO.	QTY	HOUSING BOTTOM NO.	QTY	CONTACT NO	QTY	MOUNTING CLIP NO.	QTY	FLUX PROOF	FLUX PROOF	MARKING
850420268	G2/0=CONTACT AREA LEVEL 2/TERMINATION TIN	Au+Ni	1,2,3...32 a+c	2.9	365220001	1	365220003	1	365230014	64	NO	-	NO	NO	STANDARD
850429026	G4/0=CONTACT AREA LEVEL 4/TERMINATION TIN	Au+Ni	1,2,3...32 a+c	2.9	365220001	1	365220003	1	365230031	64	NO	-	NO	NO	STANDARD



VIEW ON MATING SIDE



NOTES :-

1) MATERIALS: POLYESTER (PBT), 30% GLASS FILLED, UL94V-0.
COLOUR: PEBBLE GREY RAL 7032
OR ENGINEERING APPROVED EQUIVALENT

2) PRODUCT SPECIFICATION : PS-85042-0001

ENTER DESCRIPTION
EC NO: I2010-0404 2010/02/09
DRWN:SNS01 2010/02/15
CH'KD:KPRASAD 2010/02/15
APPR:KPRASAD 2010/02/16
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.01	± ---
2 PLACES	± 0.08	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: HARSHA MR DATE: 2009/10/07
CHECKED BY: KPRASAD DATE: 2009/10/07
APPROVED BY: KPRASAD DATE: 2009/10/07

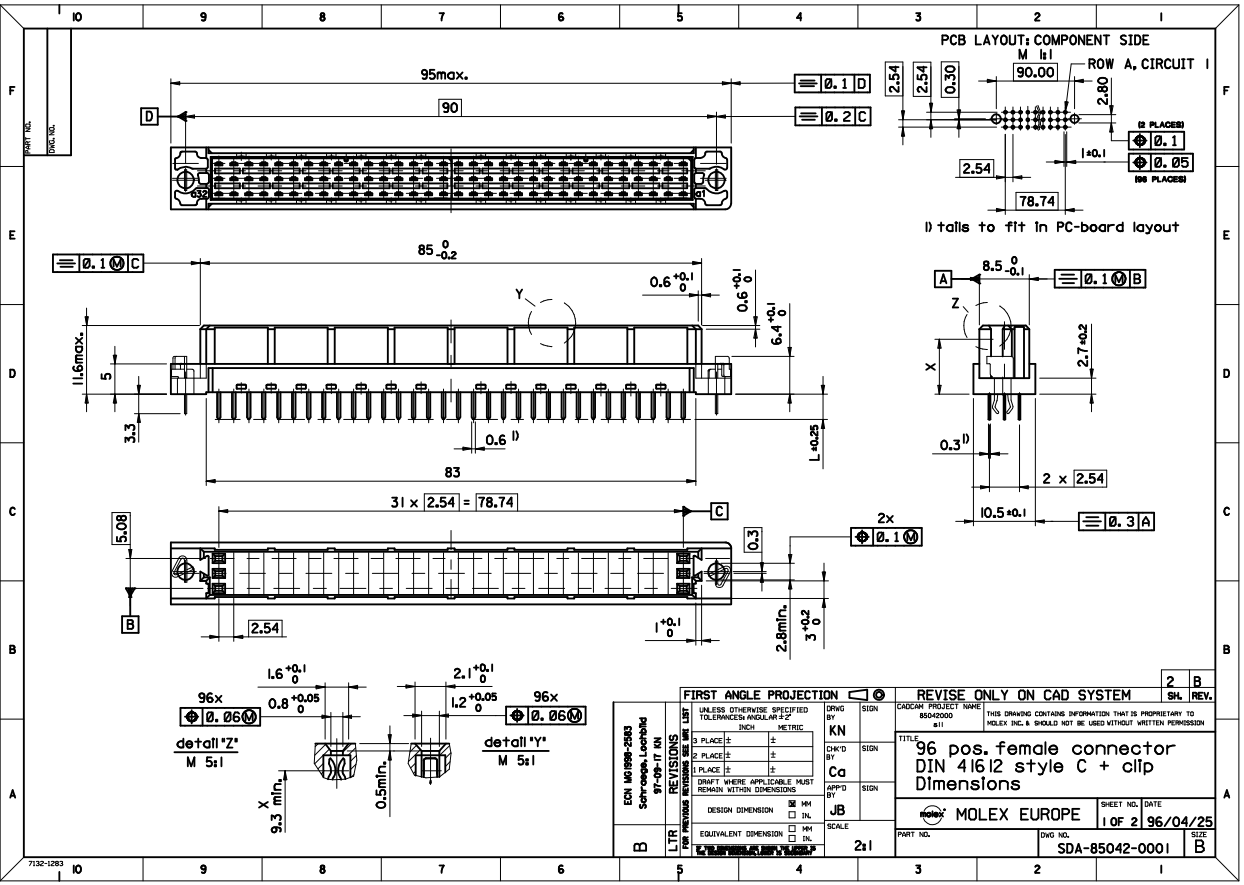
TITLE: ASSEMBLY, DIN 41612, C FEMALE, 64 POS 1.0MM PCB DIA

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-85042-268
SHEET NO.: 1 OF 2

SIZE A2

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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

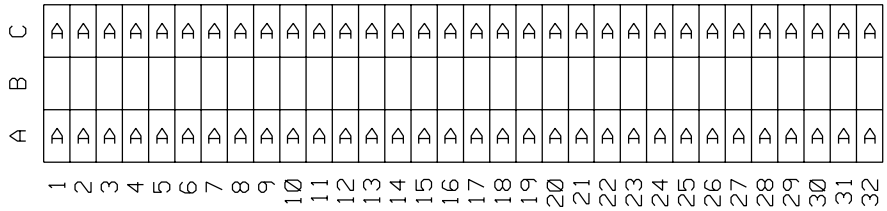
MOLEX EUROPE — REVISE ONLY ON CAD SYSTEM

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION — MF0028 — CADCAM FILENAME — ISSUE

LEVEL CHART

1	17	33	49
2	18	34	50
3	19	35	51 LEVEL INDEX
4	20	36	52 RESERVED
5	21	37	53 RESERVED
6	22	38	54 Inspection Balloons
7	23	39	55 DIMENSIONS
8	24	40	56 TABLES/CHARTS
9	25	41	57 REVISION TEXT & MRI
10	26	42	58 Notes/text - English
11	27	43	59 Bill of materials
12	28	44	60 notes/text - german
13	29	45	61
14	30	46	62 notes/text - french
15	31	47	63 RESERVED
16	32	48	

VIEW ON MATING SIDE



A = 64 STANDARD CONTACTS L=2,9

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85042-0001 sht.1
TechnicalData	PS-85042-0001

A	G2/0	a1-32 c1-32
Contact symbol	Perform. level	Contact position number

first release
see ECN No. 2154

A

REVISIONS

LTR

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

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM PROJECT NAME
s8504202
s61

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

MOLEX EUROPE

SHEET NO. 1 OF 1

DATE 96/05/28

PART NO. 85042-0268

DWG NO. SDA-85042-0268

SIZE A