molex
one company > a world of innovation

This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0850429026
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612 Female Receptacle, Style C, 64 Circuits, Lead free

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

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
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

Reference - Drawing Numbers

Sales Drawing	SD-85042-268

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.

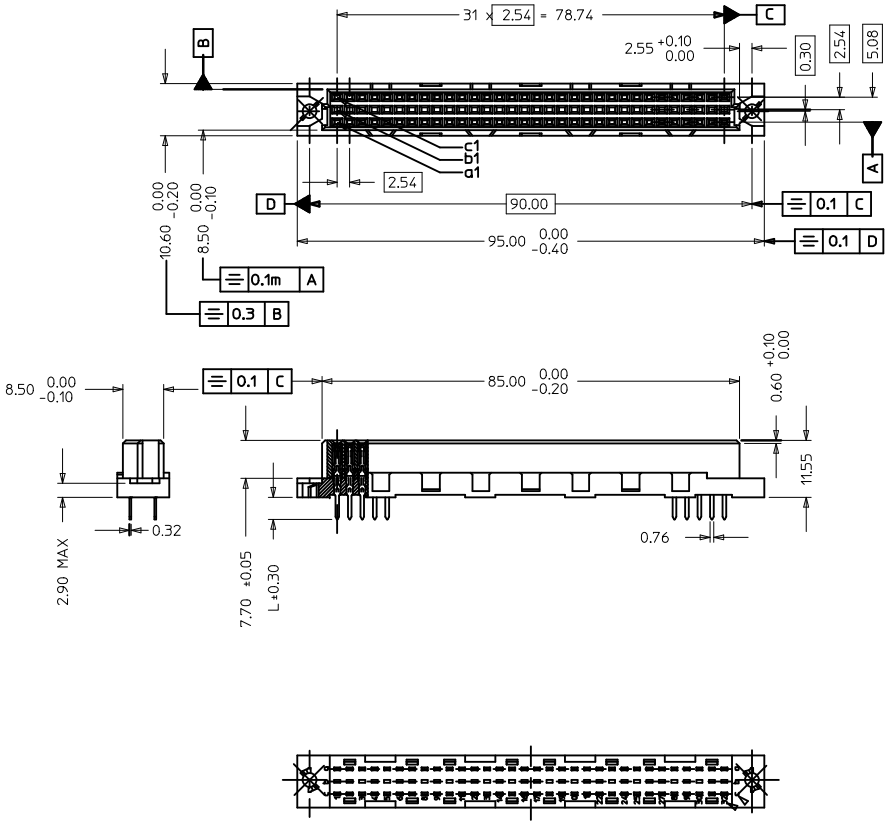
Search Parts in this Series
85042Series

Mates With
DIN 41612 Headers 85003 , 85013

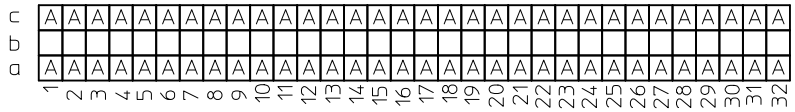
This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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
CHKD:KPRASAD 2010/02/16
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

MOLEX INCORPORATED

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

SIZE A2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION