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Part Number: 0850133304
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R, 1µm (40µ") Selective Gold (Au), 71 Circuits, Lead free

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-85013-0002 (PDF)

General

Product Family	Backplane Connectors
Series	85013
Application	Backplane
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R

Physical

Circuits (Loaded)	71
Circuits (maximum)	96
Circuits Detail	Rows A, B, & C
Color - Resin	Gray
Durability (mating cycles max)	500
First Mate / Last Break	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
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)	0.6
Plating min: Termination (µin)	16
Plating min: Termination (µm)	0.4
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)

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
85013Series

Mates With
85052 Receptacle

Material Info

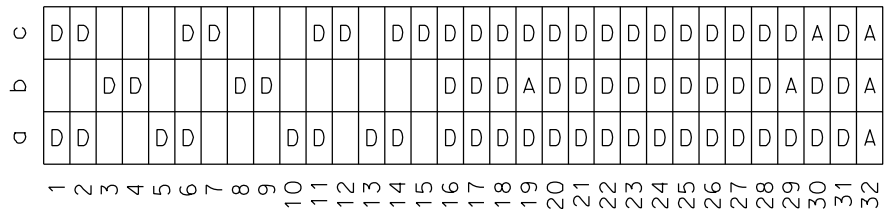
Reference - Drawing Numbers

Packaging Specification	PK-85013-001
Product Specification	PS-85013-0002
Sales Drawing	SDA-85013-3304

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View on mating side



A = 6 standard contacts L=2
D = 65 LMFB contacts L=2

S = 71 total number of contacts

Marking	Standard
Performance level	G2/0 = Contact area perform. level 2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	602-6043-201
Technical Data	PS-85013-0002

D	G2/0	a1,2,5,6,10,11,13,14,16-31 b3,4,8,9,16-18,20-28,30,31 c1,2,6,7,11,12,14-29,31
A	G2/0	a32 b19,29,32 c30,32
Contact symbol	Perform. level	Contact position number

Dimens. 602-6043-201
ECN No. MG1999-0160
98/12/10 Ca

B

LTR 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

DRWG BY	Ca	SIGN
CHK'D BY	Er	SIGN
APP'D BY	FB	SIGN
SCALE		

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM PROJECT NAME

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE

96 pos. Male connector acc. DIN 41612 style R contacts arrangement

MOLEX EUROPE

SHEET NO. 1 OF 1

DATE 98/10/26

PART NO. 85013-3304

DWG NO. SDA-85013-3304

SIZE A