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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	<a href="#">85013</a>
Application	Backplane
Component Type	PCB Header
Overview	<a href="#">din_41612</a>
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](mailto: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  
Product Specification  
Sales Drawing

PK-85013-001  
PS-85013-0002  
SDA-85013-3304

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View on mating side

○	D	D					D	D	D	D	D	D	D	D	D	D	D	D	D	A	A
○			D	D																	
○	D	D																			

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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.level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	602-6043-201
TechnicalData	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 Cd		REVISIONS		FOR PREVIOUS REVISIONS SEE MRI LIST	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRWG BY	SiGN	CAD/CAM PROJECT NAME		REVISE ONLY ON CAD SYSTEM		SH. REV.	
INCH METRIC		Cd		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
3 PLACE $\pm$ .		CHK'D BY	SiGN	TITLE		96 pos. Male connector		SHEET NO. DATE	
2 PLACE $\pm$ .		Er		acc. DIN 41612 style R		1 OF 1		98/10/26	
1 PLACE $\pm$ .		APPD BY	SiGN	contacts arrangement		DWG NO.		SIZE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FB		MOLEX® MOLEX EUROPE		SDA-85013-3304		A	
DESIGN DIMENSION <input type="checkbox"/> MM <input type="checkbox"/> IN.		SCALE		PART NO.					
EQUIVALENT DIMENSION <input type="checkbox"/> MM <input type="checkbox"/> IN.				85013-3304		SDA-85013-3304		A	
IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY									