

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850131768

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Style R/2 Reverse, 1µm (40µ") Selective Gold (Au) ,48 Circuits

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

Agency Certification	
CSA	LR19980
UL	E29179
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/2
Physical	
Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	Rows A, B, & C
Durability (mating cycles max)	500
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Number of Columns	16
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.177 In
PC Tail Length (mm)	4.50 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Electrical	
Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)
Material Info	
Reference - Drawing Numbers	

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

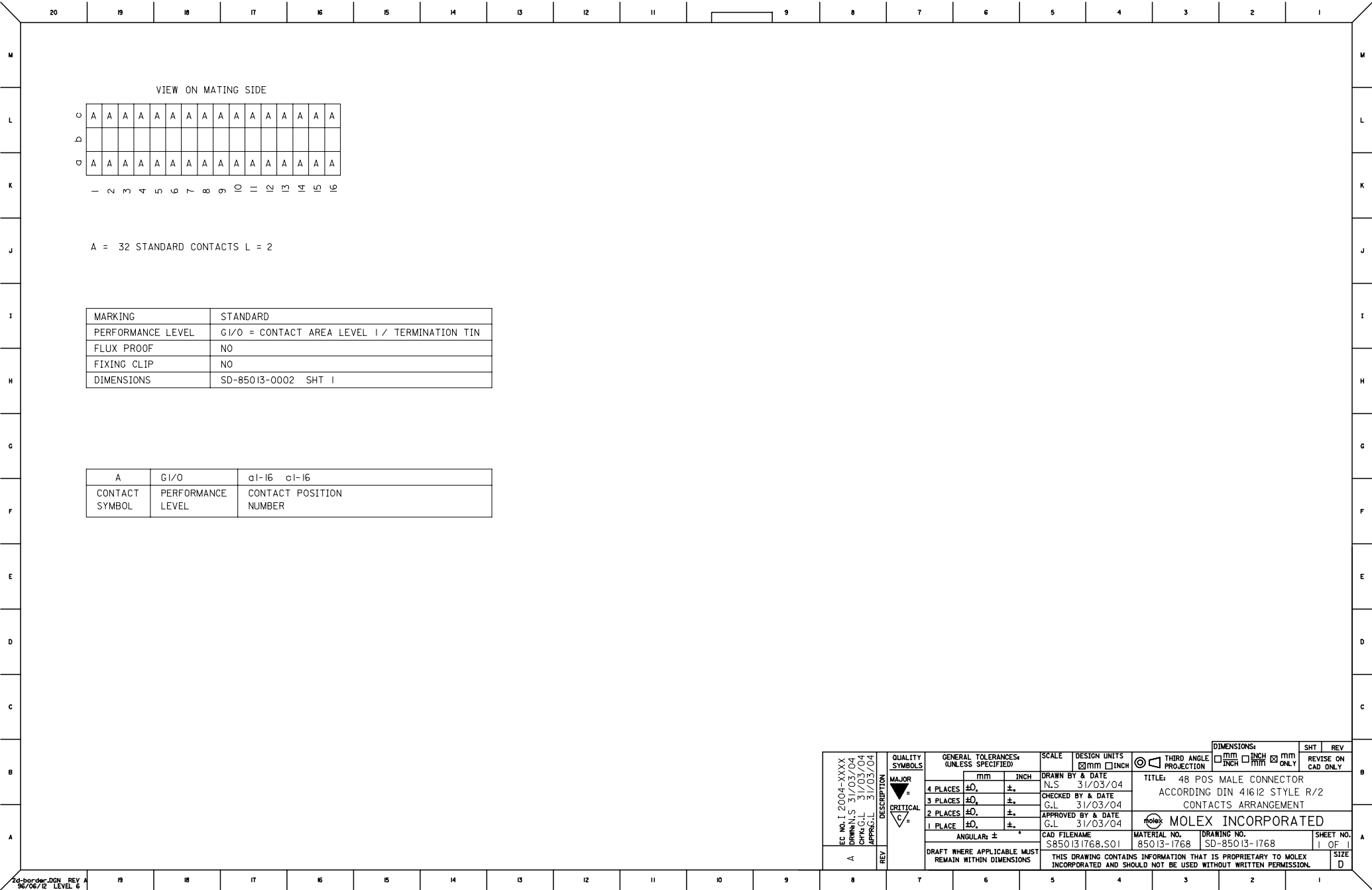
85013Series

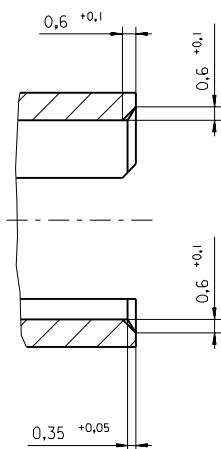
Mates With

85042 Backplane Header, 85052 Backplane Header

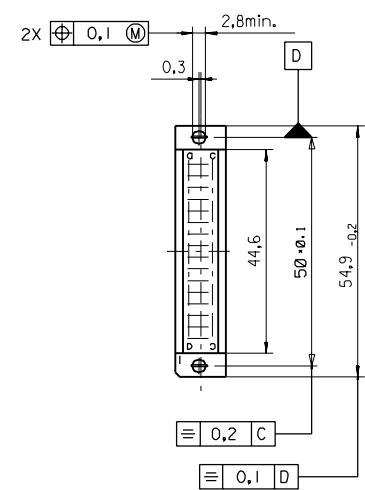
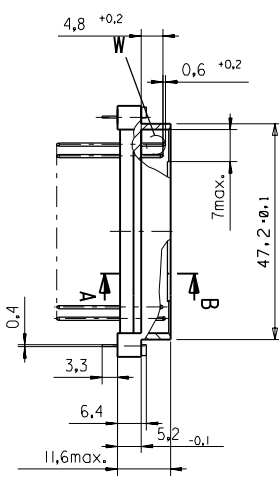
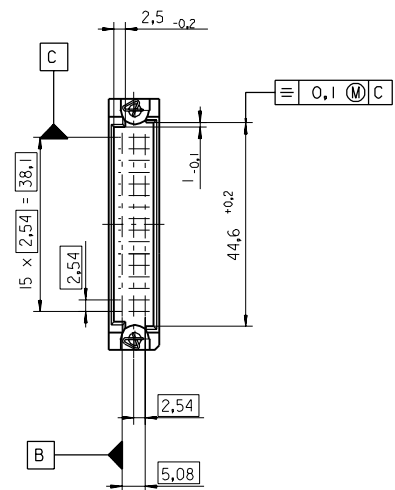
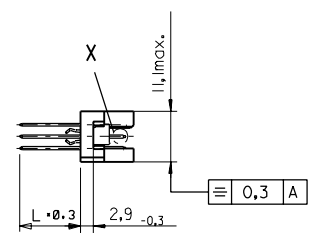
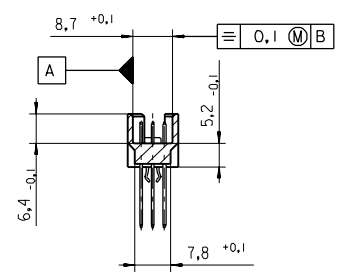
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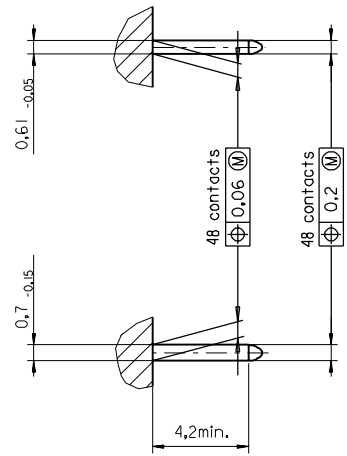




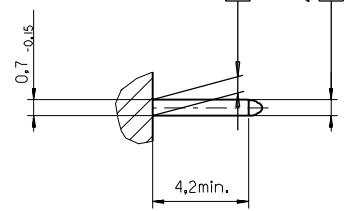
Section A - B
5:1



View X
5:1



View W
5:1



first release see ECN No. 1887	LTR	REVISIONS		FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.		
		FOR PREVIOUS REVISIONS SEE MRI LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°	DRWG BY	SIGN	CAD/CAM PROJECT NAME 85013000 621		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				INCH	METRIC	Ca		TITLE 48 pos. Male connector acc. DIN 41612 style R/2 Dimensions			
				3 PLACE ± .	±	CHK'D BY	SIGN				
BI	LTR			2 PLACE ± .	±	KN					
				1 PLACE ± .	±	APP'D BY	SIGN				
				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							
						SCALE					
								MOLEX EUROPE		SHEET NO. 1 OF	DATE 95/06/08
								PART NO.		DWG NO. SDA-85013-0002	SIZE B

A	$\triangleleft$	$\triangleleft$	$\triangleleft$
B	$\triangleleft$	$\triangleleft$	$\triangleleft$
C	$\triangleleft$	$\triangleleft$	$\triangleleft$

1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0000
12	0.0000
13	0.0000
14	0.0000
15	0.0000
16	0.0000

A = 48 STANDARD CONTACTS L = 4, 5

Marking	Standard
Performance level	GI/O = Contact area perform. level I / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85013-0002 sht.1
Technical Data	PS-85013-0001

A	G1/O	a1-l6	b1-l6	c1-l6
Contact symbol	Perform. level	Contact position number		
B				

[illegible]