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Part Number:

0850133196

Status:

Active

Overview:

din_41612

Description:

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

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85013-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

85013

Daughtercard

No Industrial Environment

PCB Header

din_41612

IEC 603-2/DIN 41612

R/2

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

48

48

Rows A, B, & C

500

No

94V-0

No

Yes

16

Open Pin Field

3

Vertical

0.110 In

2.90 mm

No

Yes

Bag

0.100 In

2.54 mm

0.100 In

2.54 mm

39

1

No

No

No

-55°C to +125°C

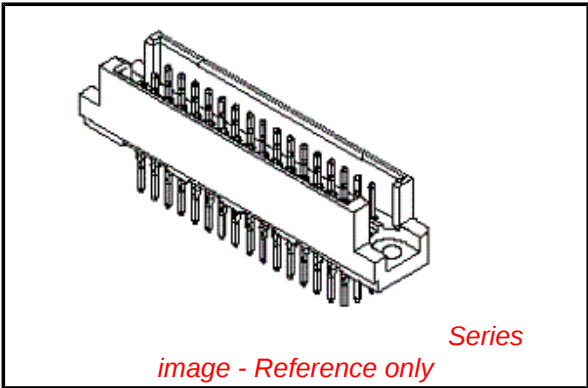
Electrical

Current - Maximum per Contact

Data Rate

1A

622.0 Mbps



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

85042 DIN 41612 Receptacle . 85052 DIN 41612 Header

Real Signals (per 25mm)	30
Shield Type	N/A
Shielded	No
Voltage - Maximum	1000V (RMS)

Material Info

Reference - Drawing Numbers

Product Specification	PS-85013-0001
Sales Drawing	SD-85013-3196, SDA-85013-0002, SDA-85013-3196

This document was generated on 05/17/2010

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

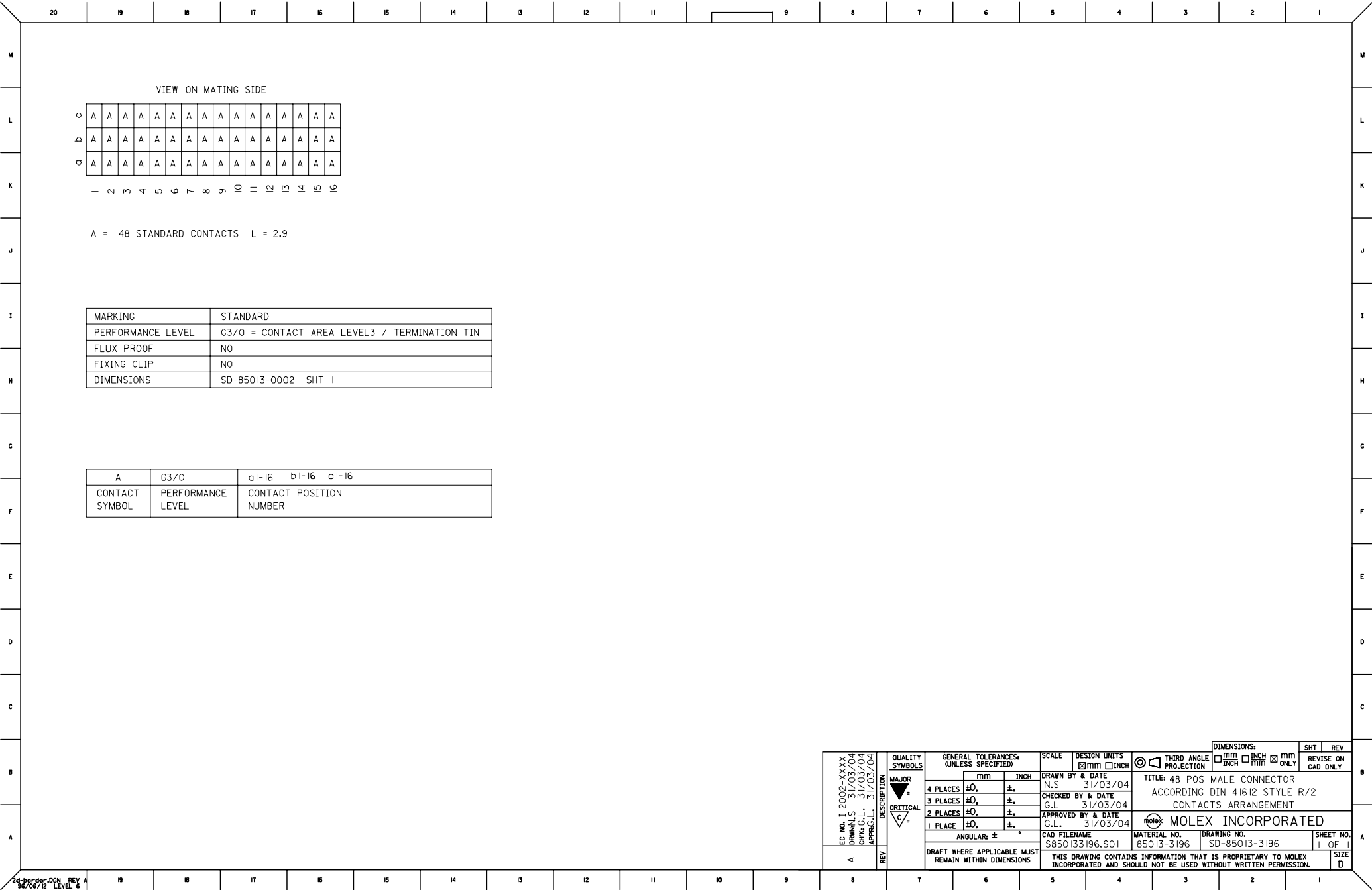
A = 48 STANDARD CONTACTS L = 2.9

MARKING	STANDARD
PERFORMANCE LEVEL	G3/0 = CONTACT AREA LEVEL3 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	E-85013-0002 SHT 1-2

A	G3/0	a1-16 b1-16 c1-16
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

SL. NO.	DESCRIPTION	CONTACT SYMBOL	PART NUMBER	QTY
1	HOUSING		36520-0002	1
2	TERMINAL	A	36527-0005	48

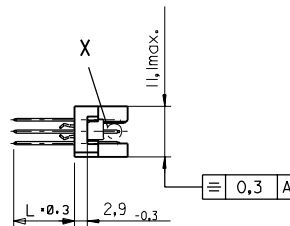
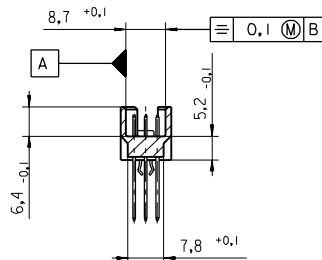
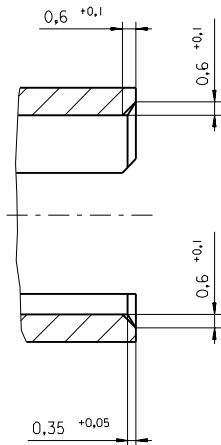
EC. NO. 1 2002-XXXX		QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS ☒ MM ☐ INCH		THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ BOTH ONLY		SHIT	REV.															
DRW'N. S. 31/03/04	CHK'G S.L. 31/03/04											REVISE ON CAD ONLY															
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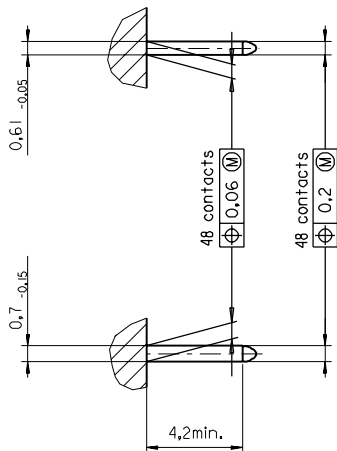
EC NO. I 2002-XXXX DRAWN: S 31/03/04 CHK: G.L. 31/03/04 APPR: L. 31/03/04 A		QUALITY SYMBOLS MAJOR CRITICAL DESCRIPTION	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS		THIRD ANGLE PROJECTION	DIMENSIONS:		SHT	REV	
										REVISE ON CAD ONLY			
			4 PLACES ± 0.1 mm ± 0.004 INCH		DRAWN BY & DATE NLS 31/03/04	TITLE: 48 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R/2 CONTACTS ARRANGEMENT							
			3 PLACES ± 0.1 mm ± 0.004 INCH		CHECKED BY & DATE G.L. 31/03/04								
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1 PLACE ± 0.1 mm ± 0.004 INCH		ANGULAR: $\pm$		MOLEX INCORPORATED									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								SIZE D	

PART NO.
DWG. NO.

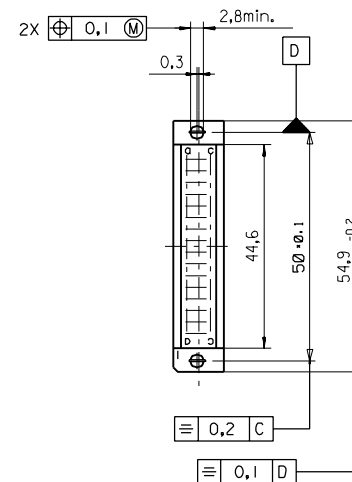
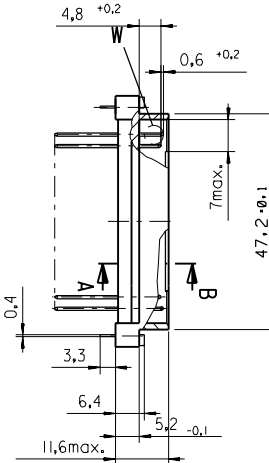
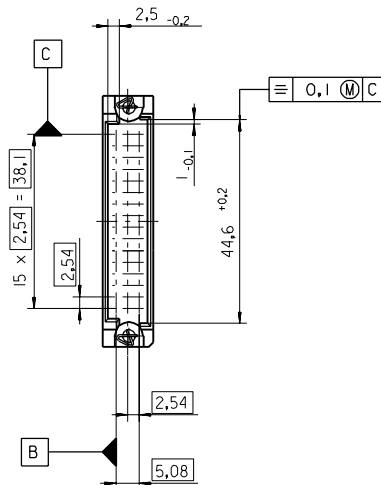
Section A - B
5:1



View X
5:1



View W
5:1



FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

SH. REV.

first release see ECN No. 1887	LTR REVISIONS FOR PREVIOUS REVISIONS SEE MRI LIST	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRWG BY Ca	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		CHK'D BY KN	SIGN	TITLE 48 pos. Male connector acc. DIN 41612 style R/2 Dimensions			
		3 PLACE $\pm$. $\pm$		APP'D BY	SIGN	MOLEX MOLEX EUROPE			
		2 PLACE $\pm$. $\pm$		SCALE		SHEET NO. DATE 1 OF 95/06/08			
BI	LTR	1 PLACE $\pm$. $\pm$		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY		PART NO.		DWG NO.	SIZE
		DESIGN DIMENSION ☒ MM ☐ IN.		EQUIVALENT DIMENSION ☐ MM ☐ IN.		SDA-85013-0002		B	

