

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850489001

Status:

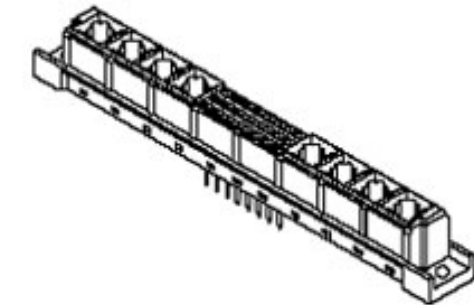
Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 40 Circuits



Series

image - Reference only

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

85048

Daughtercard

Mixed Layout

PCB Receptacle

[din_41612](#)

IEC 603-2/DIN 41612

M

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Durability (mating cycles max)

First Mate / Last Break

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

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

Termination Interface: Style

40

60

Standard Contacts at A:a7-a26; C:c7-c26

400

No

No

Yes

Copper Alloy

Gold

Tin

20

Open Pin Field

3

Vertical

0.177 In

4.50 mm

No

Yes

Carton

0.100 In

2.54 mm

0.100 In

2.54 mm

24

0.60

Yes

No

No

-55°C to +125°C

Through Hole

Electrical

Current - Maximum per Contact

Data Rate

Voltage - Maximum

2.5A

622.0 Mbps

250V AC (RMS)

[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
85048Series

Mates With
DIN 41612/EIC 603-2 Mixed Layout Connector [85009](#) , [85017](#)

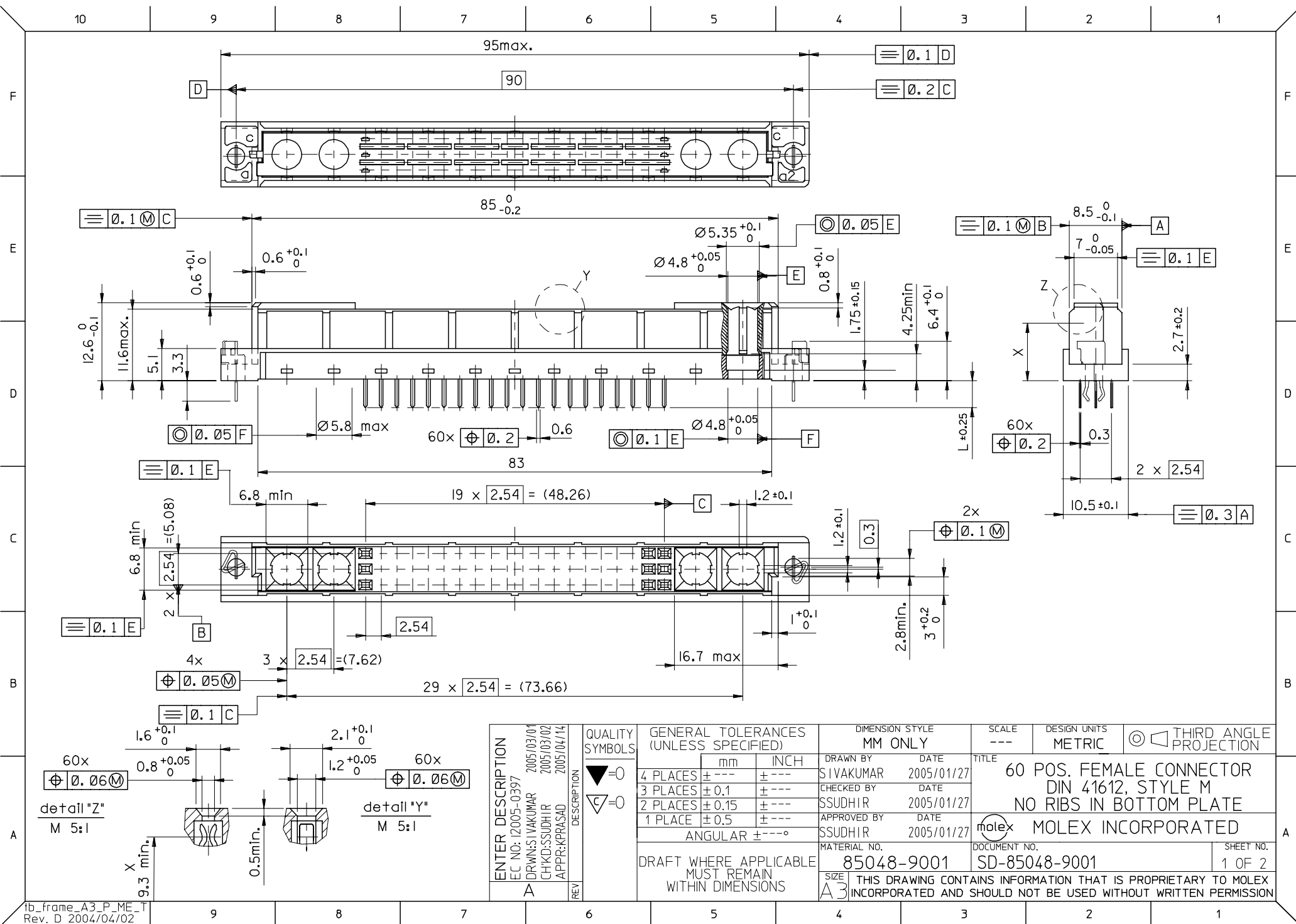
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-9001

This document was generated on 05/17/2010

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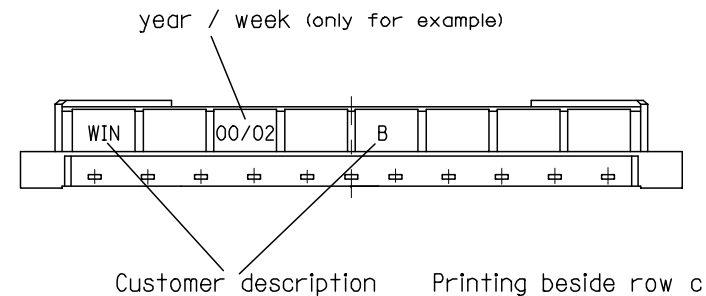
7 6 5 4 3 2 1

View on mating side

a							A	A	A	A	A	A	A	A	A	A	A	A	A	A	A											
b																																
c							A	A	A	A	A	A	A	A	A	A	A	A	A	A	A											
	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

A = 40 standard contacts L=4,5

Marking	customer special
Performance level	G2/0 = Contact area level2/ Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SD-85048-9001 sht.1
Technical Data	PS-85042-0001



A	G2/0	a7-26 c7-26
Contact symbol	Perform. level	Contact position number

ENTER DESCRIPTION EC NO: I2005-0397 DRWN:SIVAKUMAR 2005/03/01 CHKD:SSUDHIR 2005/03/02 APPR:KPRASAO 2005/04/14	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY SIVAKUMAR	DATE 2005/01/27	TITLE 60 POS FEMALE CONNECTOR ACC DIN 41612 STYLE M CONTACTS ARRANGEMENT		
			4 PLACES	± ---	± ---	CHECKED BY SSUDHIR	DATE 2005/01/27			
			3 PLACES	± ---	± ---	APPROVED BY SSUDHIR	DATE 2005/01/27			
			2 PLACES	± ---	± ---	MOLEX MOLEX INCORPORATED				
			1 PLACE	± ---	± ---	MATERIAL NO. 85048-9001		DOCUMENT NO. SD-85048-9001	SHEET NO. 2 OF 2	
			ANGULAR ±---°			SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

6 5 4 3 2 1