

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850480969

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 32 Circuits, Lead free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

85048

Application

Backplane

Comments

Mixed Layout

Component Type

PCB Receptacle

Overview

[din_41612](#)

Product Name

IEC 603-2/DIN 41612

Style

M

Physical

Circuits (Loaded)

32

Circuits (maximum)

32

Circuits Detail

Rows A, B & C

Durability (mating cycles max)

400

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

Keying to Mating Part

Yes

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Number of Columns

8

Number of Pairs

Open Pin Field

Number of Rows

3

Orientation

Vertical

PC Tail Length (in)

0.114 In

PC Tail Length (mm)

2.90 mm

PCB Locator

No

PCB Retention

Yes

Packaging Type

Carton

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)

0.60

Polarized to PCB

Yes

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55°C to +125°C

Termination Interface: Style

Through Hole

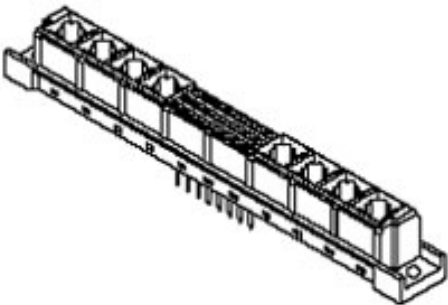


image - Reference only

Series

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

85048Series

Mates With

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

Use With

[85022](#)

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Voltage - Maximum	250V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

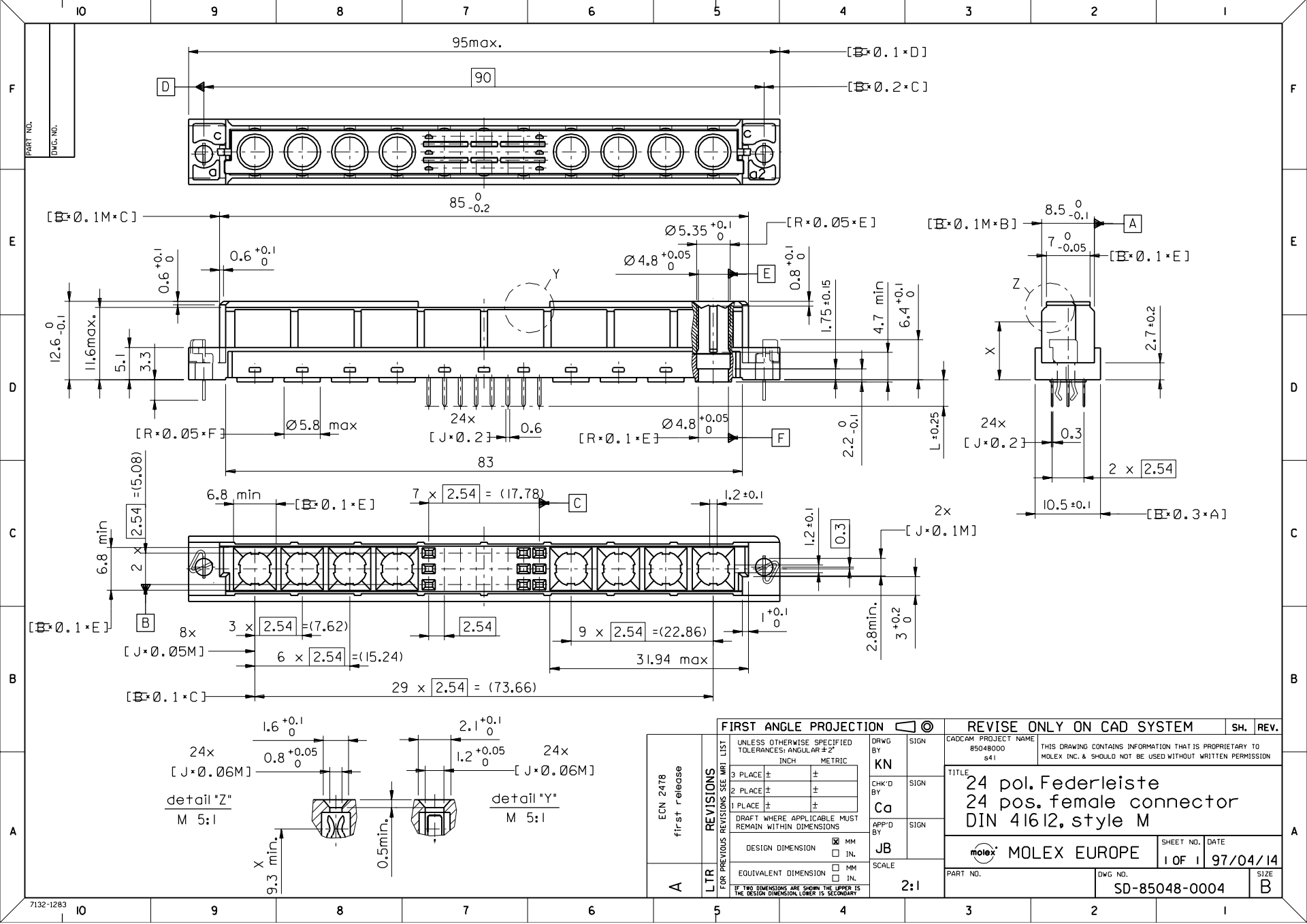
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-0004, SD-85048-0969

This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



PART NO.
DWG. NO.

A

B

C

D

E

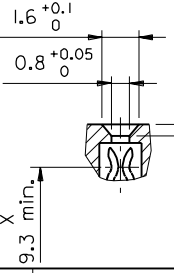
F

7132-1283

FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		CAD/CAM PROJECT NAME 85048000 841		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
INCH		METRIC		TITLE 24 pol. Federleiste 24 pos. female connector DIN 41612, style M	
3 PLACE $\pm$		$\pm$		MOLEX MOLEX EUROPE	
2 PLACE $\pm$		$\pm$		SHEET NO. DATE 1 OF 1 97/04/14	
1 PLACE $\pm$		$\pm$		PART NO. DWG NO. SD-85048-0004	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SCALE 2:1		SIZE B	
DESIGN DIMENSION ☒ MM		EQUIVALENT DIMENSION ☐ MM			
EQUIVALENT DIMENSION ☐ IN.					
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY					

ECN 2478
first release

24x
[J $\times$ 0.06M]
detail "Z"
M 5:1



24x
[J $\times$ 0.06M]
detail "Y"
M 5:1

