

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850480153

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 80 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)

80

Circuits (maximum)

80

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

26

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

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

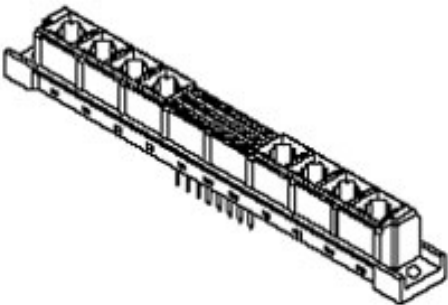


image - Reference only

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](#) DIN 41612 High Current Contact

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-0001, SD-85048-0153

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PART NO.
DWG. NO.

F

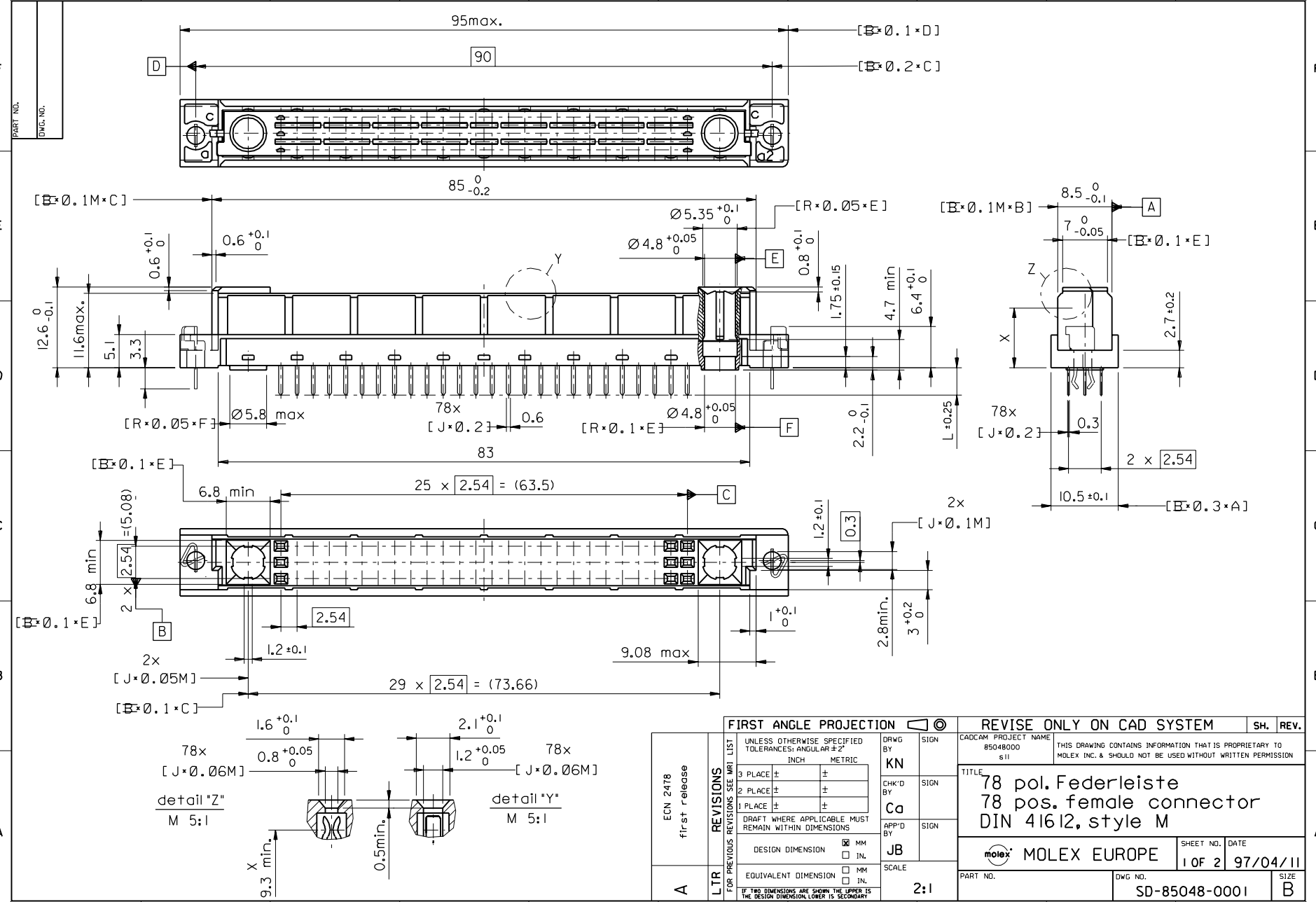
D

C

B

A

7132-1283



FIRST ANGLE PROJECTION

REVISIONS	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°	
	INCH	METRIC
3 PLACE ±	±	±
2 PLACE ±	±	±
1 PLACE ±	±	±
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		

DRWG BY	SIGN
KN	
CHK'D BY	SIGN
Ca	
APP'D BY	SIGN
JB	
SCALE	
2:1	

REVISE ONLY ON CAD SYSTEM

SH.	REV.
CAD/CAM PROJECT NAME	
85048000	
6 II	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
TITLE	
78 pol. Federleiste	
78 pos. female connector	
DIN 41612, style M	
MOLEX MOLEX EUROPE	
SHEET NO. DATE	
1 OF 2 97/04/11	
PART NO.	
DWG NO.	
SD-85048-0001	
SIZE	
B	

