

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850481586

Status:

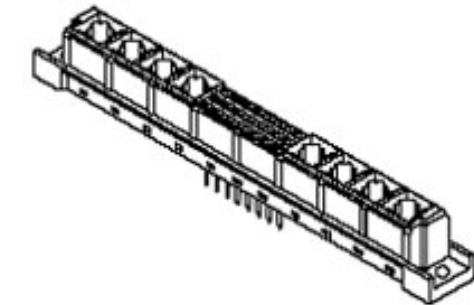
Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 52 Circuits



Series

image - Reference only

Documents:

[Drawing \(PDF\)](#)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

85048

Application

Daughtercard

Comments

Mixed Layout

Component Type

PCB Receptacle

Overview

[din_41612](#)

Product Name

IEC 603-2/DIN 41612

Style

M

Physical

Circuits (Loaded)

52

Circuits (maximum)

78

Circuits Detail

Rows A & C

Durability (mating cycles max)

500

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)

39.37

Plating min: Mating (µm)

1.00

Polarized to PCB

Yes

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55°C to +125°C

Termination Interface: Style

Through Hole

EU RoHSChina 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](#)

Electrical

Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

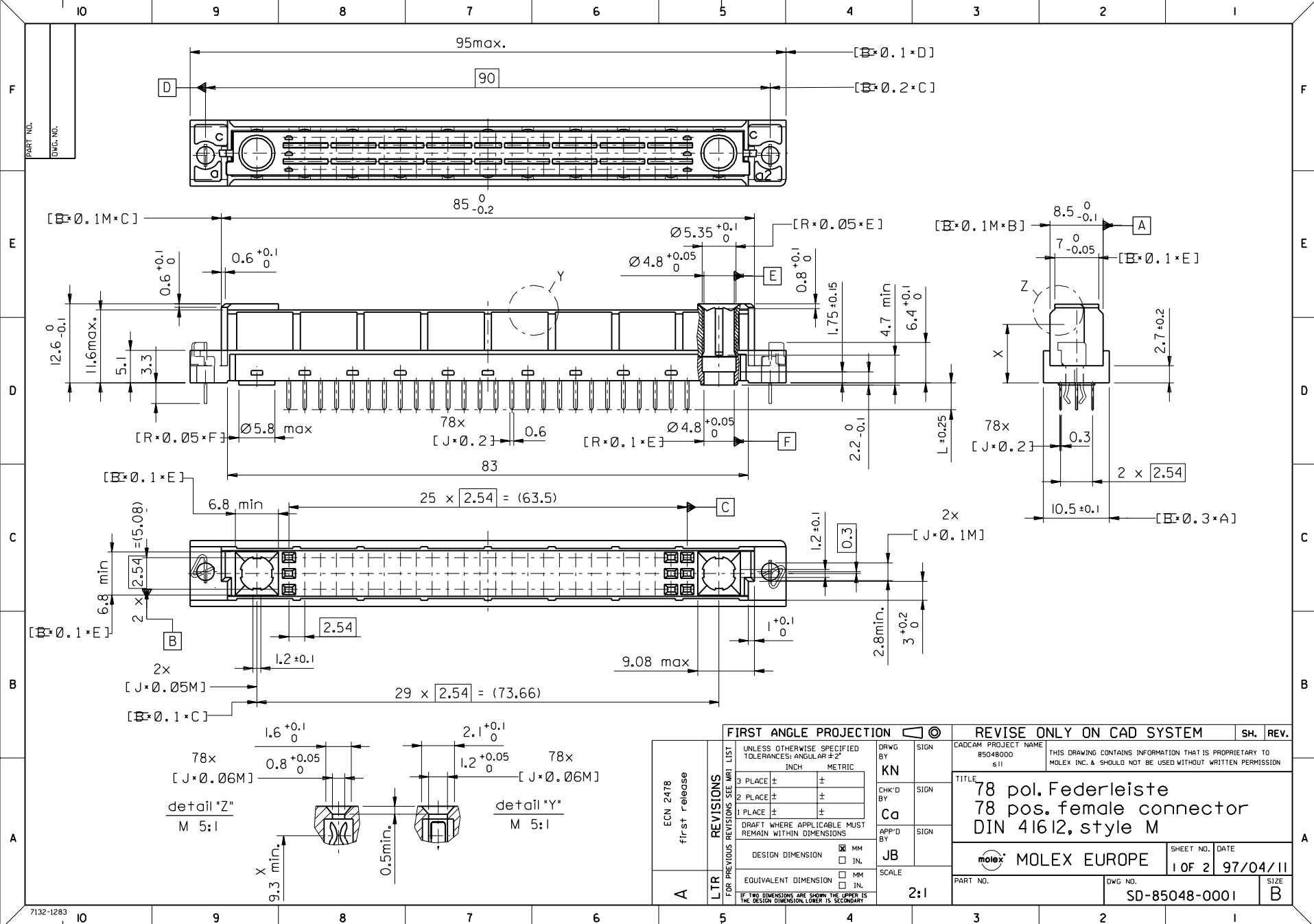
Old Part Number	85048-1856
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Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-0001, SD-85048-1586

This document was generated on 05/17/2010

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5					4					3					2				
View on mating side																			
0 A A A A A A A A A A A A A A A A A A A 0 0 A A A A A A A A A A A A A A A A A A A 12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152																			
E																			
D																			
C																			
B																			
A																			
ECN 2478		first release		REVISIONS		FOR PREVIOUS REVISIONS SEE MRI LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°		DRWG BY		SIGN		CAD/CAM PROJECT NAME		REVISE ONLY ON CAD SYSTEM		SH. REV.	
				3 PLACE ± • ±		INCH METRIC		KN		CHK'D BY		SIGN		s8504815 s81		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				2 PLACE ± • ±				Ca		APP'D BY		SIGN		TITLE		78 pos. female connector acc.DIN 41612, style M contacts arrangement			
				1 PLACE ± • ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		JB		SCALE		SIGN		molex MOLEX EUROPE		SHEET NO. 1 OF 1		DATE 97/05/26	
LTR		A		EQUIVALENT DIMENSION		DESIGN DIMENSION		IN. MM		IN. MM		PART NO.		DWG NO.		SIZE		A	
				IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY								85048-1586		SD-85048-1586					
5					4					3					2				

A = 52 standard contacts L=4,5

Marking	Standard
Performance level	G1/0 = Contact area level I / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SD-85048-000I sht.I
Technical Data	PS-85042-000I