

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850480074

Status:

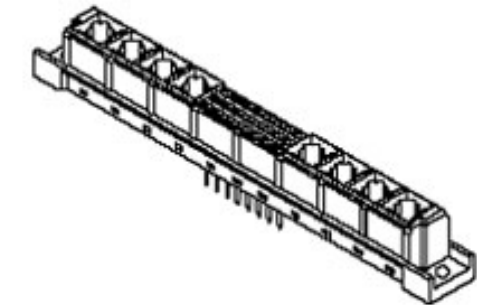
Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 48 Circuits, Lead free



Series

image - Reference only

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)	48
Circuits (maximum)	48
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	14
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

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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)

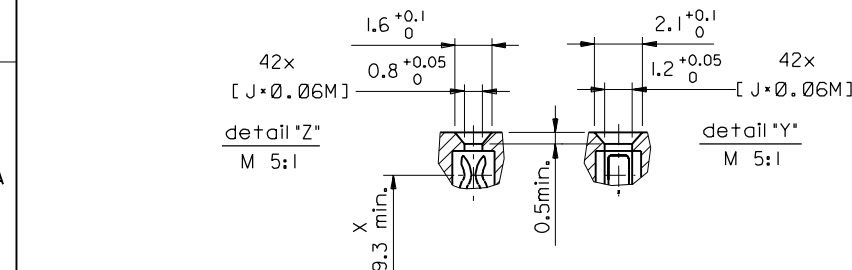
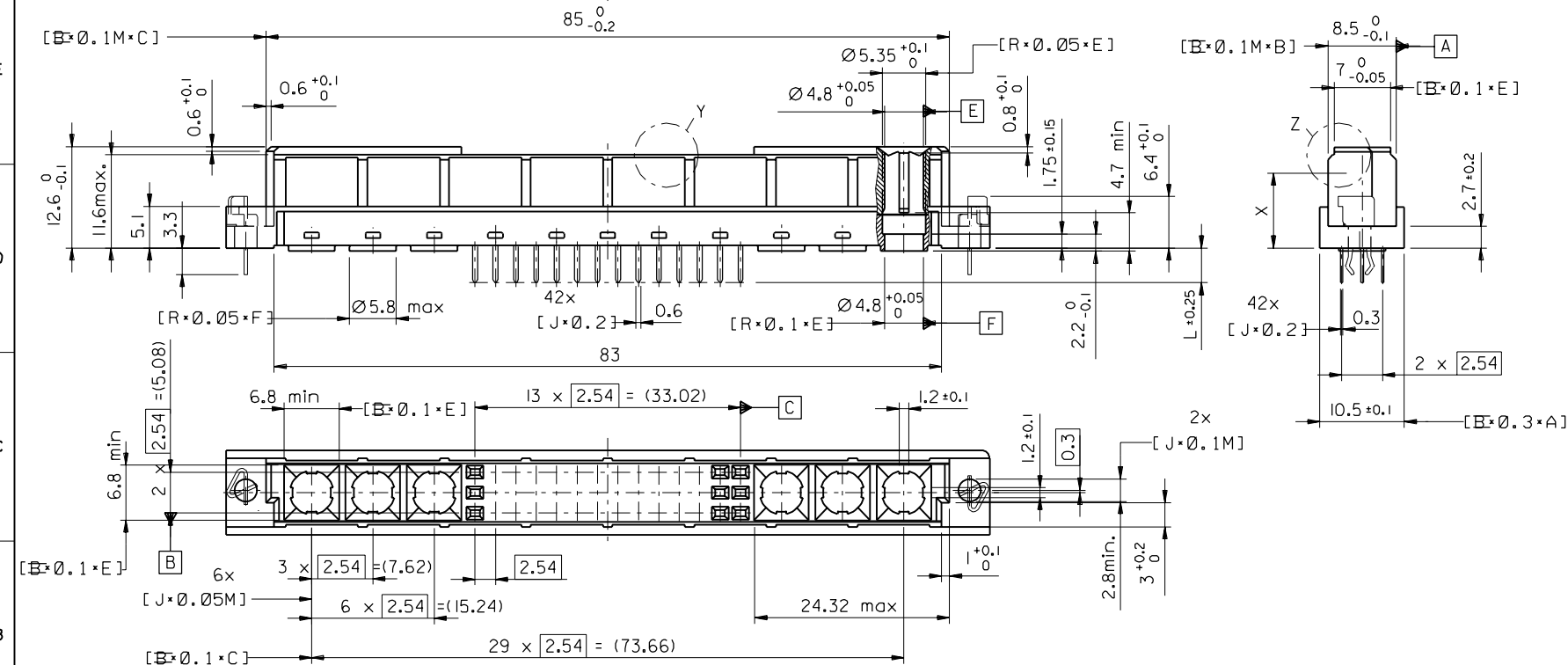
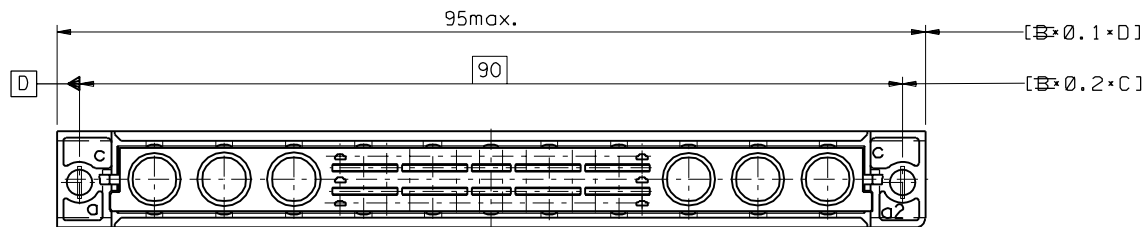
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-0003, SD-85048-0074

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FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

SH. REV.

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$

INCH METRIC

CAD/CAM PROJECT NAME

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

3 PLACE $\pm$

DRWG BY

KN

SIGN

2 PLACE $\pm$

CHK'D BY

Ca

SIGN

1 PLACE $\pm$

APP'D BY

JB

SIGN

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE

2:1

SCALE

DESIGN DIMENSION ☒ MM

IN.

IN.

IN.

EQUIVALENT DIMENSION ☐ MM

IN.

IN.

IN.

IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY

SCALE

2:1

SCALE

ECN 2478

first release

REVISIONS

FOR PREVIOUS REVISIONS SEE MRI LIST

A

LTR

MOLEX EUROPE

SHEET NO. DATE

7132-1283

10

9

8

7

6

5

4

3

2

1

SD-85048-0003

SIZE

B

1 OF 2

97/04/10

