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Part Number:

0850481380

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 28 Circuits

Documents:

[Drawing \(PDF\)](#)

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

Agency Certification

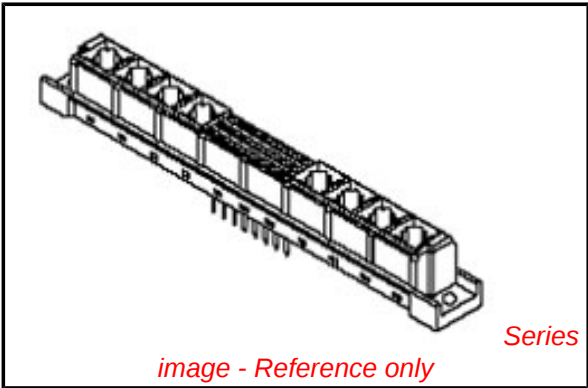
CSA	LR19980
UL	E29179

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)	28
Circuits (maximum)	42
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	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)	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 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](#)

Electrical

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

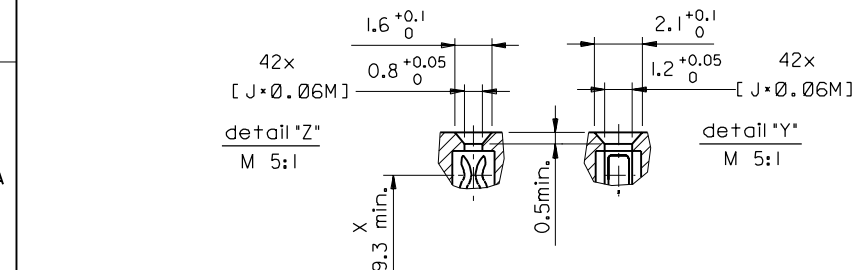
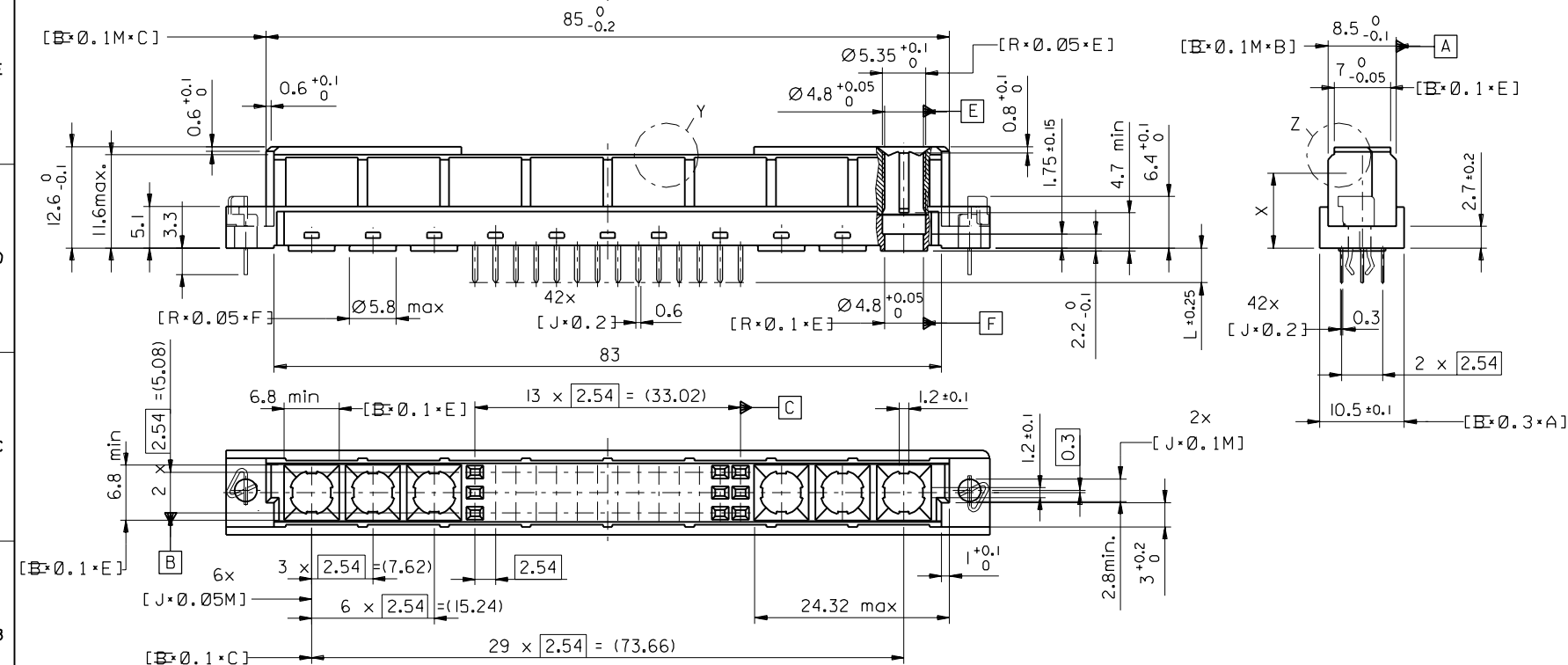
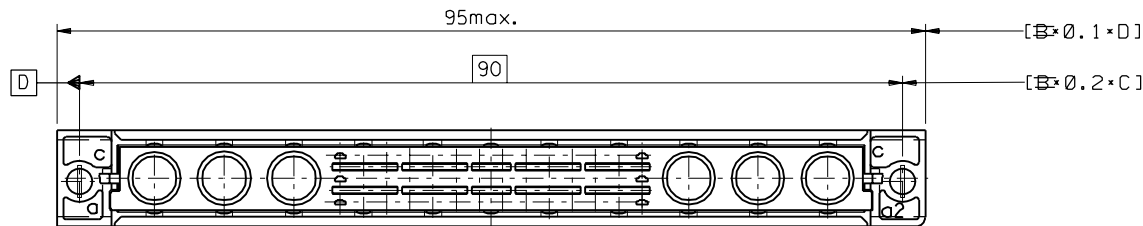
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-0003, SD-85048-1380

This document was generated on 05/17/2010

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FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

SH. REV.

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

DRWG BY
KN

SIGN

CAD/CAM PROJECT NAME
85048000
831

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

3 PLACE $\pm$ $\pm$
2 PLACE $\pm$ $\pm$
1 PLACE $\pm$ $\pm$

CHK'D BY
Ca

SIGN

TITLE
42 pol. Federleiste
42 pos. female connector
DIN 41612, style M

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

APP'D BY
JB

SIGN

MOLEX EUROPE SHEET NO. DATE
1 OF 2 97/04/10

DESIGN DIMENSION ☒ MM
☐ IN.

SCALE
2:1

PART NO. DWG NO. SD-85048-0003 SIZE
B

EQUIVALENT DIMENSION ☐ MM
☐ IN.

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

ECN 2478
first release
A LTR REVISIONS
FOR PREVIOUS REVISIONS SEE MRI LIST

