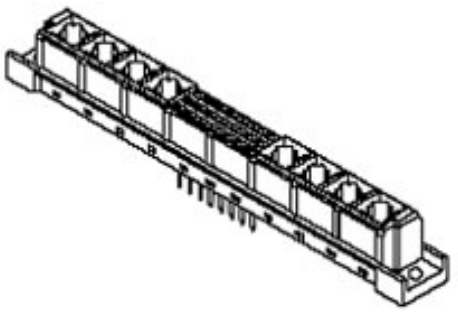
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Part Number: 0850481263
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 16 Circuits



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)	16
Circuits (maximum)	24
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	8
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)

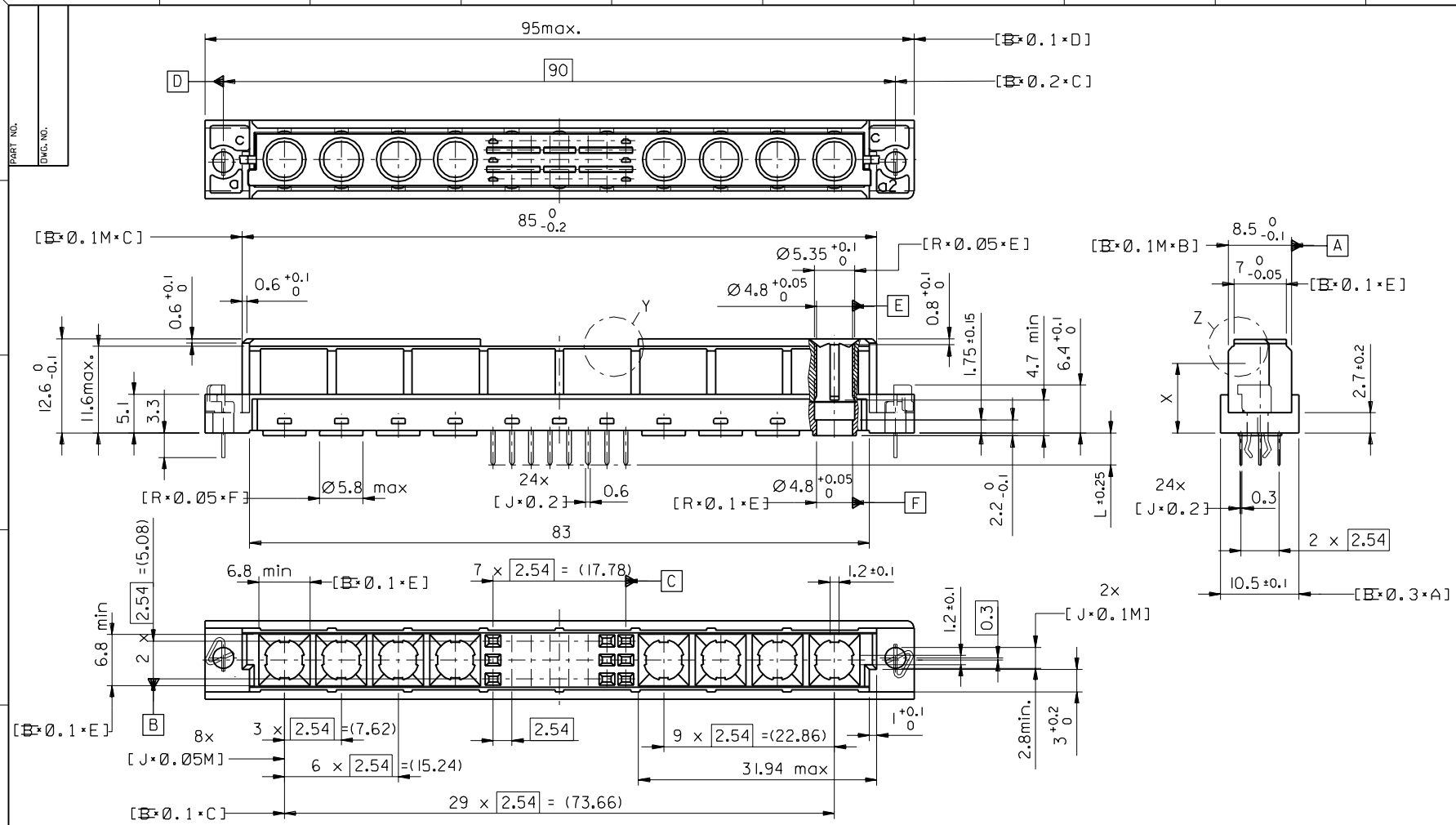
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-0004, SD-85048-1263

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FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM | SH. | REV.

ECN 2478 first release

REVISIONS

LTR	FOR PREVIOUS REVISIONS SEE MR1 LIST
A	

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

CADCAM PROJECT NAME 85048000 s41

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TITLE

24 pol. Federleiste
24 pos. female connector
DIN 41612, style M

molex MOLEX EUROPE

SHEET NO. 1 OF 1

DATE 97/04/14

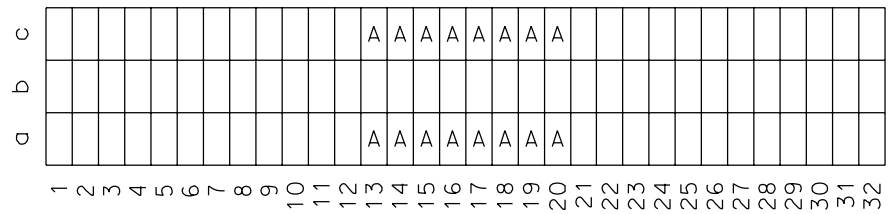
PART NO.

DWG NO. SD-85048-0004

SIZE B

7132-1283

View on mating side



A = 16 standard contacts L=4,5

Marking	Standard
Performance level	G1/0 = Contact area level 1 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SD-85048-0004 sht.1
TechnicalData	PS-85042-0001

A	G1/0	a13-20 c13-20
Contact symbol	Perform. level	Contact position number

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ECN 2478
first release

A

LTR

REVISIONS

FOR PREVIOUS REVISIONS SEE MRI LIST

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	KN	SIGN
CHK'D BY	Ca	SIGN
APP'D BY	JB	SIGN
SCALE		

CADCAM PROJECT NAME
s8504812
s61

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

TITLE
24 pos. female connector acc. DIN 41612, style M contacts arrangement

molex MOLEX EUROPE

SHEET NO. 1 OF 1

DATE 97/05/28

PART NO. 85048-1263

DWG NO. SD-85048-1263

SIZE A