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Part Number:

0850480000

Status:

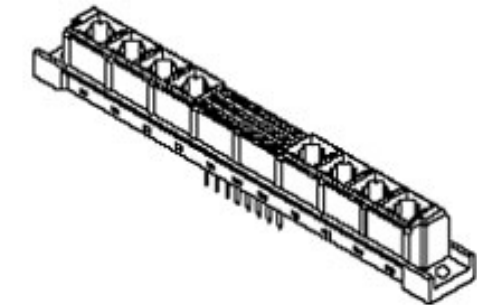
Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 24 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)	24
Circuits (maximum)	24
Circuits Detail	Rows A & 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	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)	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	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	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-0000, SD-85048-0004

This document was generated on 05/17/2010

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View on mating side

[illegible]

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A = 16 standard contacts L=4,5

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SD-85048-0004 sht.1
Technical Data	PS-85042-0001

A	G2/0	a13-20	c13-20
Contact symbol	Perform. level	Contact position number	

ECN 2478 first release	REVISIONS	FOR PREVIOUS REVISIONS SEE MRJ LIST				UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRAWG BY KN	SIGN	REVISE ONLY ON CAD SYSTEM		SH.	REV.	
		INCH		METRIC		CAD/CAM PROJECT NAME s8504800 s01				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		3 PLACE $\pm$.	$\pm$	2 PLACE $\pm$.	$\pm$	TITLE 24 pos. female connector acc. DIN 41612, style M contacts arrangement								
		1 PLACE $\pm$.	$\pm$	2 PLACE $\pm$.	$\pm$									
A	LTR	DESIGN DIMENSION				☐ MM	☐ IN.	CHK'D BY Ca	SIGN	MOLEX® MOLEX EUROPE		SHEET NO.	DATE	
		EQUIVALENT DIMENSION				☐ MM	☐ IN.			1 OF 1		97/05/20		
		EQUIVALENT DIMENSION				☐ MM	☐ IN.			DWG NO.		SD-85048-0000	SIZE	A
		EQUIVALENT DIMENSION				☐ MM	☐ IN.			PART NO.		85048-0000		
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY.														

