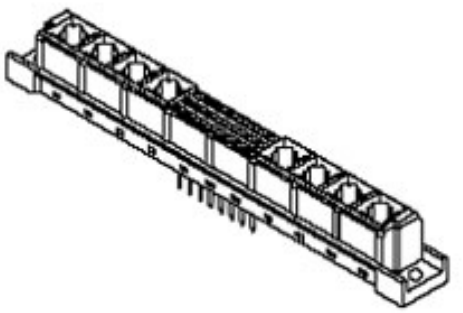
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Part Number: 0850489001
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Through Hole, Vertical, Female Style M, 40 Circuits



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

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)	40
Circuits (maximum)	60
Circuits Detail	Standard Contacts at A:a7-a26; C:c7-c26
Durability (mating cycles max)	400
First Mate / Last Break	No
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	20
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

Electrical

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

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

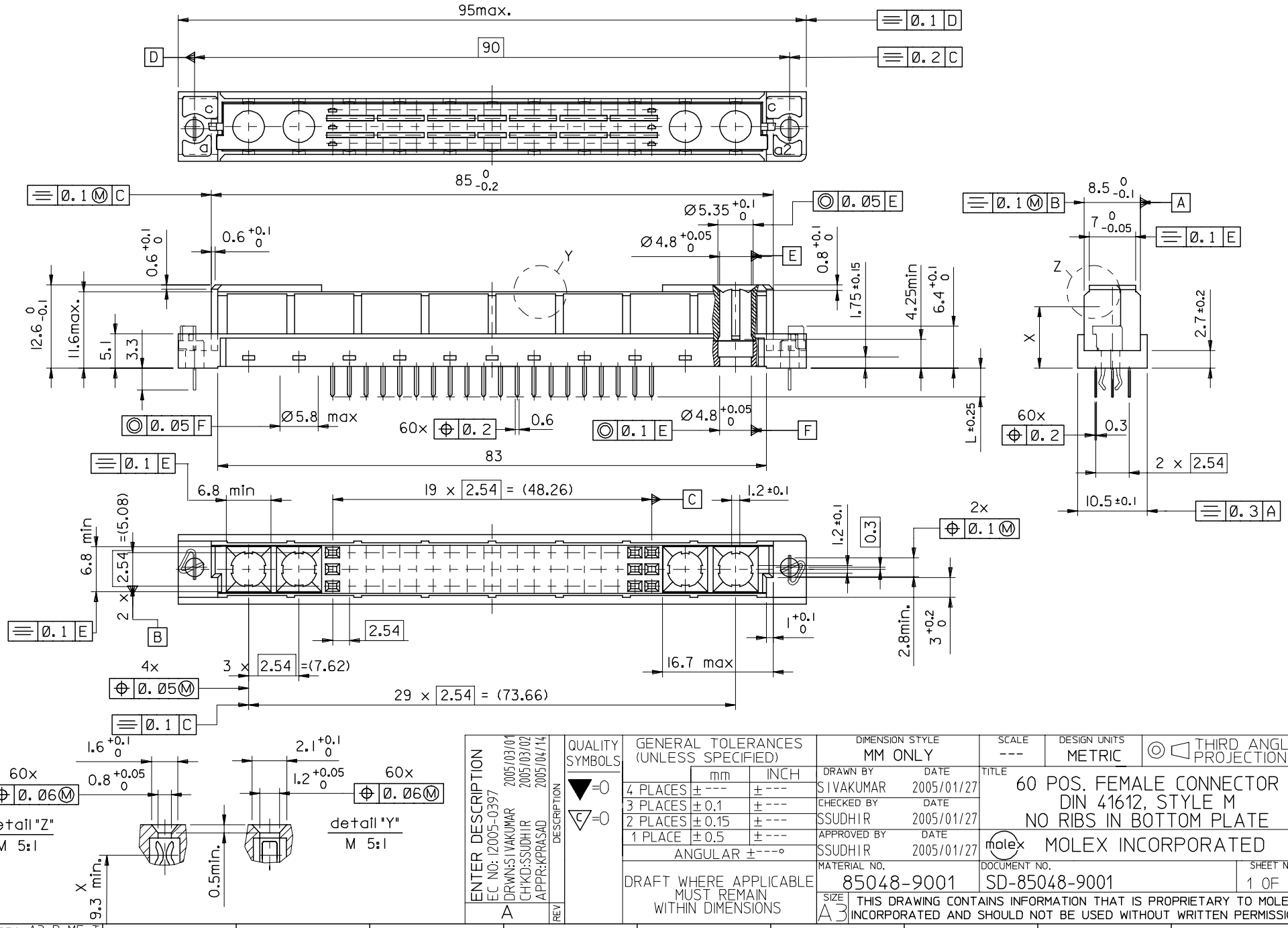
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85048-001
Sales Drawing	SD-85048-9001

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ENTER DESCRIPTION			REV
EC NO: 12005-0397	2005/03/01		A
DRWN:SIVAKUMAR	2005/03/02		
CHKD:SSUDHIR	2005/04/14		
APPR:KPRASAD			

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.1	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.5	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

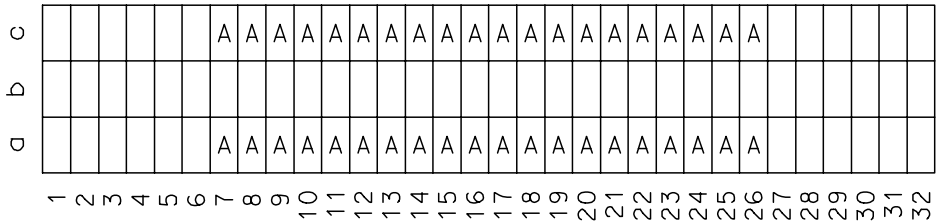
DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	SIVAKUMAR
DATE	2005/01/27
CHECKED BY	SSUDHIR
DATE	2005/01/27
APPROVED BY	SSUDHIR
DATE	2005/01/27
MATERIAL NO.	85048-9001
DOCUMENT NO.	SD-85048-9001
SHEET NO.	1 OF 2
SIZE	A3

TITLE
60 POS. FEMALE CONNECTOR
DIN 41612, STYLE M
NO RIBS IN BOTTOM PLATE

MOLEX INCORPORATED

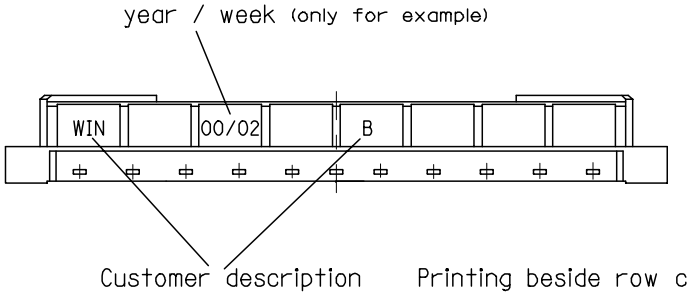
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View on mating side



A = 40 standard contacts L=4,5

Marking	customer special
Performance level	G2/0 = Contact area level2/ Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SD-85048-9001 sht.1
TechnicalData	PS-85042-0001



A	G2/0	a7-26 c7-26
Contact symbol	Perform. level	Contact position number

ENTER DESCRIPTION
EC NO: I2005-0397 2005/03/01
DRWN:SIVAKUMAR 2005/03/02
CH'KD:SSUDHIR 2005/04/14
APPR:KPRASAD
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	SIVAKUMAR	2005/01/27
CHECKED BY	SSUDHIR	2005/01/27
APPROVED BY	SSUDHIR	2005/01/27

TITLE: 60 POS FEMALE CONNECTOR ACC DIN 41612 STYLE M CONTACTS ARRANGEMENT

molex MOLEX INCORPORATED

MATERIAL NO.: 85048-9001
DOCUMENT NO.: SD-85048-9001
SHEET NO.: 2 OF 2

SIZE A4

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