

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0853009004

Status:

Active

Overview:

[din_41612](#)

Description:

5.08mm(.200") Pitch Through Hole, Right Angle, DIN Header, 8 Circuits, Lead free

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

General	
Product Family	Backplane Connectors
Series	85300
Application	Backplane
Comments	For Durability: Contact Sales
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	RPV
Physical	
Circuits (Loaded)	8
Circuits (maximum)	21
Circuits Detail	Rows A & C
Durability (mating cycles max)	Contact Molex
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Columns	7
Number of Pairs	Open Pin Field
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.153 In
PC Tail Length (mm)	3.90 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Carton
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Pitch - Term. Interface (in)	0.200 In
Pitch - Term. Interface (mm)	5.08 mm
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	5A
Data Rate	622.0 Mbps
Shielded	No

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

85300Series

Voltage - Maximum

250V AC

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-85300-9004

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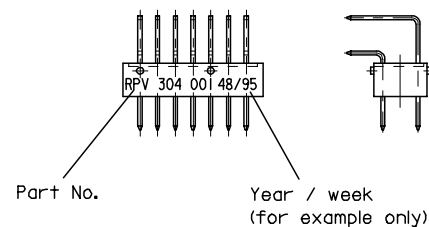
7 6 5 4 3 2 1

View on mating side

○	C	C	C	C
○				
○	A	A	A	A

1 2 3 4 5 6 7

A = 4 standard contacts L=3,9
C = 4 standard contacts L=3,9
S = 8 total number of contacts



Marking	Customer special
Performance level	Customer special
Flux proof	no
Fixing clip	no
Dimensions	E-85300-9004 SHEET 1

C	special	c1,3,5,7,
A	special	a1,3,5,7
Contact symbol	Perform. level	Contact position number

ENTER DESCRIPTION EC NO: I2005-0384 DRWN: SIVAKUMAR 2005/03/01 CHKD: SSUDHIR 2005/03/02 APPR: KPRASAD 2005/04/14		QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY SIVAKUMAR	DATE 2005/01/18	TITLE 21 POS.MALE CONNECTOR (RPV 304 001) CONTACTS ARRANGEMENT			
			4 PLACES	± ---	± ---	CHECKED BY SSUDHIR	DATE 2005/01/18				
			3 PLACES	± 0.05	± ---	APPROVED BY SSUDHIR	DATE 2005/01/18	MOLEX INCORPORATED			
			2 PLACES	± 0.1	± ---	MATERIAL NO. 85300-9004	DOCUMENT NO. SD-85300-9004				
1 PLACE	± 0.15	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

6 5 4 3 2 1