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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

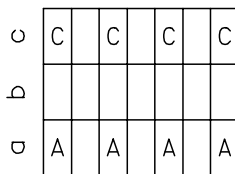
Sales Drawing

SD-85300-9004

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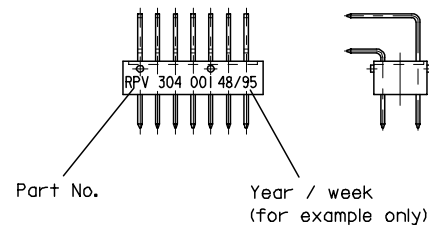
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View on mating side



← 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 | MOLEX MOLEX INCORPORATED | | |
| | | 3 PLACES ± 0.05 | ± --- | | APPROVED BY SSUDHIR | DATE 2005/01/18 | MATERIAL NO. 85300-9004 | | |
| | | | | | | DOCUMENT NO. SD-85300-9004 | | SHEET NO. 1 OF 1 | |
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