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Part Number:

0850033093

Status:

Active

Overview:

din\_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Style C/2, Right Angle, Through Hole, 1µm (40µ") Selective Gold (Au), 48 Circuits, First-Mate-Last-Break Pins Available, Lead free

Documents:

3D Model

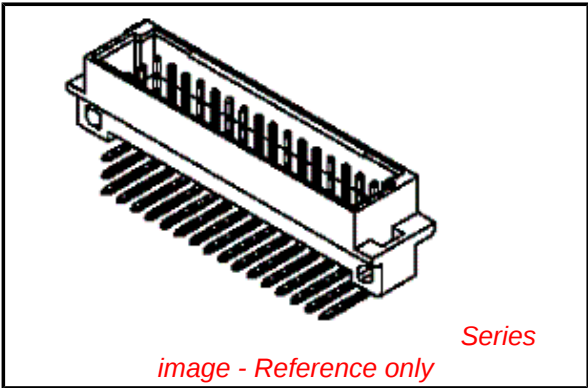
Drawing (PDF)

RoHS Certificate of Compliance (PDF)

| Agency Certification |                      |
|----------------------|----------------------|
| CSA                  | LR19980              |
| UL                   | E29179               |
| General              |                      |
| Product Family       | Backplane Connectors |
| Series               | 85003                |
| Application          | Daughtercard         |
| Component Type       | PCB Header           |
| Overview             | din_41612            |
| Product Name         | IEC 603-2/DIN 41612  |
| Style                | C/2                  |

| Physical                       |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 48              |
| Circuits (maximum)             | 48              |
| Durability (mating cycles max) | 500             |
| First Mate / Last Break        | Yes             |
| Flammability                   | 94V-0           |
| Guide to Mating Part           | No              |
| Keying to Mating Part          | Yes             |
| Number of Columns              | 16              |
| Number of Pairs                | Open Pin Field  |
| Number of Rows                 | 3               |
| Orientation                    | Right Angle     |
| PC Tail Length (in)            | 0.118 In        |
| PC Tail Length (mm)            | 3.00 mm         |
| PCB Locator                    | No              |
| PCB Retention                  | Yes             |
| PCB Thickness Recommended (in) | 0.062 In        |
| PCB Thickness Recommended (mm) | 1.60 mm         |
| Packaging Type                 | Tray            |
| 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         |
| 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 | 1A            |
| Data Rate                     | 622.0 Mbps    |
| Voltage - Maximum             | 250V AC (RMS) |



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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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

85003Series

Mates With

85042 DIN 41612 Receptacle. 85052 DIN 41612 Header

**Material Info**

**Reference - Drawing Numbers**

|                         |               |
|-------------------------|---------------|
| Packaging Specification | PK-85003-002  |
| Sales Drawing           | SD-85003-3093 |

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