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**Part Number:** [0850133304](#)  
**Status:** **Active**  
**Overview:** [din\\_41612](#)  
**Description:** 2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Style R, 1µm (40µ") Selective Gold (Au), 71 Circuits, Lead free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-85013-0002 \(PDF\)](#)

**General**

|                |                           |
|----------------|---------------------------|
| Product Family | Backplane Connectors      |
| Series         | <a href="#">85013</a>     |
| Application    | Backplane                 |
| Component Type | PCB Header                |
| Overview       | <a href="#">din_41612</a> |
| Product Name   | IEC 603-2/DIN 41612       |
| Style          | R                         |

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| Circuits (Loaded)              | 71                           |
| Circuits (maximum)             | 96                           |
| Circuits Detail                | Rows A, B, & C               |
| Color - Resin                  | Gray                         |
| Durability (mating cycles max) | 500                          |
| First Mate / Last Break        | Yes                          |
| Guide to Mating Part           | No                           |
| Keying to Mating Part          | Yes                          |
| Material - Metal               | Phosphor Bronze              |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Polyester                    |
| Number of Columns              | 32                           |
| Number of Pairs                | Open Pin Field               |
| Number of Rows                 | 3                            |
| Orientation                    | Vertical                     |
| PCB Locator                    | No                           |
| PCB Retention                  | Yes                          |
| 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                      |
| Plating min: Mating (µin)      | 24                           |
| Plating min: Mating (µm)       | 0.6                          |
| Plating min: Termination (µin) | 16                           |
| Plating min: Termination (µm)  | 0.4                          |
| Stackable                      | No                           |
| Surface Mount Compatible (SMC) | No                           |
| Temperature Range - Operating  | -55°C to +125°C              |
| Termination Interface: Style   | Through Hole - Compliant Pin |

**Electrical**

|                               |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 2.5A        |
| Data Rate                     | 622.0 Mbps  |
| Voltage - Maximum             | 1000V (RMS) |

**EU RoHS**

**ELV and RoHS**

**Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



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Email [productcompliance@molex.com](mailto: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**

[85013Series](#)

**Mates With**

[85052 Receptacle](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-85013-001  
PS-85013-0002  
SDA-85013-3304

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