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**Part Number:** [0850019011](#)  
**Status:** **Active**  
**Overview:** [DIN 41612](#)  
**Description:** 2.54mm Pitch DIN 41612 B/2 Style Male Header, PBT, Right Angle, Through Hole, 0.60µm Selective Gold (Au) Plating, 16 Circuits, with Mounting Clips, No Flux Proof

**Documents:**  
[Drawing \(PDF\)](#) [Packaging Specification PK-36507-001 \(PDF\)](#)  
[Product Specification PS-85003-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

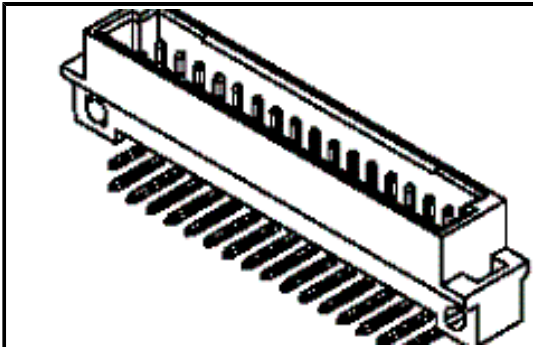
CSA LR19980  
UL E29179

**General**

Product Family Backplane Connectors  
Series [85001](#)  
Application Backplane  
Comments With Mounting Clips. No Flux Proof  
Component Type PCB Header  
Overview [DIN 41612](#)  
Product Name IEC 603-2/DIN 41612  
Style B/2  
UPC 822348748846

**Physical**

Circuits (Loaded) 8  
Circuits (maximum) 32  
Circuits Detail Contact Positions at: A:a1,a5,a9,a13; B;b1,b5,b9,b13  
Color - Resin Natural  
Durability (mating cycles max) 400  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part No  
Keying to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Polyester  
Number of Columns 16  
Number of Pairs Open Pin Field  
Number of Rows 2  
Orientation Right Angle  
PC Tail Length 3.00mm  
PCB Locator No  
PCB Retention Yes  
Packaging Type Carton  
Pitch - Mating Interface 2.54mm  
Pitch - Termination Interface 2.54mm  
Plating min - Mating 0.610µm  
Plating min - Termination 2.540µm  
Polarized to PCB Yes  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -55°C to +125°C  
Termination Interface: Style Through Hole



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |              |
|-----------------|--------------|
| China ROHS      | Not Reviewed |
| ELV             | Not Reviewed |
| RoHS Phthalates | Not Reviewed |

**Search Parts in this Series**

[85001](#) Series

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.0A          |
| Data Rate                     | 622.0 Mbps    |
| Voltage - Maximum             | 250V AC (RMS) |

**Material Info**

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | PK-36507-001      |
| Product Specification   | PS-85003-0001-001 |
| Sales Drawing           | SD-85001-9011     |

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