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**Part Number:** [0850019012](#)  
**Status:** **Active**  
**Overview:** [din\\_41612](#)  
**Description:** 2.54mm (.100") Pitch DIN 41612 B Style Male Header, PBT, Right Angle, Through Hole, 0.60µm (24µ") Selective Gold (Au) Plating, 64 Circuits, with Mounting Clips, No Flux Proof

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-85003-0001 \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<a href="#">85001</a>
Application	Backplane
Comments	With Mounting Clips. No Flux Proof
Component Type	PCB Header
Overview	<a href="#">din_41612</a>
Product Name	IEC 603-2/DIN 41612
Style	B

**Physical**

Circuits (Loaded)	64
Circuits (maximum)	64
Circuits Detail	Contact Positions at: A:a1-a2,a4-a31; B:b1-b31; Y:b32; Z:a3,a32
Color - Resin	Natural
Durability (mating cycles max)	400
First Mate / Last Break	Yes
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 (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Carton
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)	0.60
Plating min: Termination (µin)	98
Plating min: Termination (µm)	2.5
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C

**EU RoHS** **China RoHS**

**Compliance Status**

**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)  
 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**

[85001Series](#)

Termination Interface: Style

Through Hole

**Electrical**

Current - Maximum per Contact

1A

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

Sales Drawing

SD-85001-9012

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