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**Part Number:** [0365050008](#)  
**Status:** **Active**  
**Overview:** DIN 41612  
**Description:** 2.54mm Pitch DIN 41612 B Style Female Receptacle, Vertical, Through Hole, 0.60µm Selective Gold (Au) Plating, 64 Circuits, with Mounting Clips, Solder Tail Length 2.90mm, No Flux Proof, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-36500-001-001 \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<a href="#">36505</a>
Application	Daughtercard
Comments	With Mounting Clips. No Flux Proof, With Mounting Clips. No Flux Proof
Component Type	PCB Receptacle
Overview	<a href="#">DIN 41612</a>
Product Name	IEC 603-2/DIN 41612
Style	B
UPC	756054601723

**Physical**

Circuits (Loaded)	64
Circuits (maximum)	64
Circuits Detail	1,2,3,...32; A+C
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	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	9.748/g
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.610µm
Plating min - Termination	5.080µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

**Electrical**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[36505](#) Series

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

**Solder Process Data**

Lead-freeProcess Capability	WAVE
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**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-36500-001-001
Sales Drawing	SD-36505-0001

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