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**Part Number:** [36500-0032](#)  
**Status:** **Active**  
**Overview:** DIN 41612  
**Description:** 2.54mm Pitch DIN 41612 C Style Female Receptacle, Vertical, Through Hole, 0.60µm Selective Gold (Au) Plating, 96 Circuits, with Mounting Clips, Solder Tail Length 4.50mm, No Flux Proof, Lead-Free

**Documents:**

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

**General**

Product Family	Backplane Connectors
Series	<a href="#">36500</a>
Application	Daughtercard
Comments	Secured with Mounting Clips. No Flux Proof
Component Type	PCB Receptacle
Overview	<a href="#">DIN 41612</a>
Product Name	IEC 603-2/DIN 41612
Style	C
UPC	822348231720

**Physical**

Circuits (Loaded)	96
Circuits (maximum)	96
Circuits Detail	1,2,3,...32; A+B+C
Color - Resin	Gray
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	13.325/g
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length	4.50mm
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°C to +125°C
Termination Interface: Style	Through Hole

**Electrical**

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



**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**  
[36500Series](#)

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

**Solder Process Data**

Lead-free Process Capability	Wave Capable (TH only)
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**Material Info**

**Reference - Drawing Numbers**

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

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