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Part Number: [36509-0001](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 R Style Female Receptacle, Right Angle, Through Hole, 1.10µm Selective Gold (Au) Plating, 96 Circuits, without Mounting Clips or Sealing Strip, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-36509-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	36509
Application	Daughtercard
Comments	No Mounting Clips, Secured with Tubular Rivets/ Cheesehead Screws. No Sealing Strip
Component Type	PCB Receptacle
Overview	DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	R
UPC	822350703888

Physical

Circuits (Loaded)	96
Circuits (maximum)	96
Circuits Detail	1,2,3,...32; A+B+C
Color - Resin	Gray
Durability (mating cycles max)	500
First Mate / Last Break	No
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	13.396/g
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Right Angle
PC Tail Length	3.00mm
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	1.092µm
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

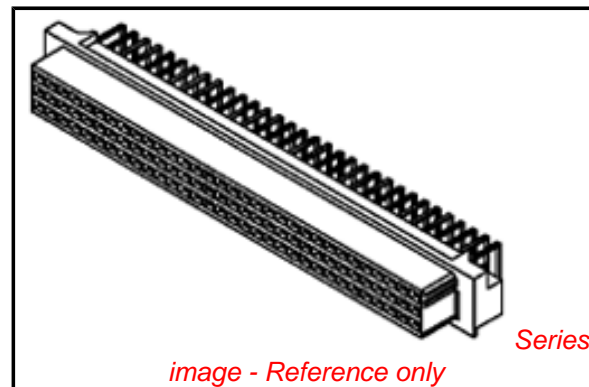


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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

Email 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

[36509Series](#)

Electrical

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-36509-001
Sales Drawing	SD-36509-001

This document was generated on 01/16/2014

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