

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0365090008

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 R Style Female Receptacle, Right Angle, Through Hole, 0.60µm (24µ") Selective Gold (Au) Plating, 96 Circuits, with Mounting Clips, without Sealing Strip, Lead Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-36509-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

36509

Daughtercard

With Mounting Clips. No Sealing Strip

PCB Receptacle

[din_41612](#)

IEC 603-2/DIN 41612

R

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

96

96

1,2,3,...32; a+b+c

Gray

400

No

No

Yes

Phosphor Bronze

Gold

Tin

Polyester

32

Open Pin Field

3

Right Angle

0.118 In

3.00 mm

No

Yes

0.063 In

1.60 mm

Carton

0.100 In

2.54 mm

0.100 In

2.54 mm

24

0.60

98

2.5

Yes

No

No

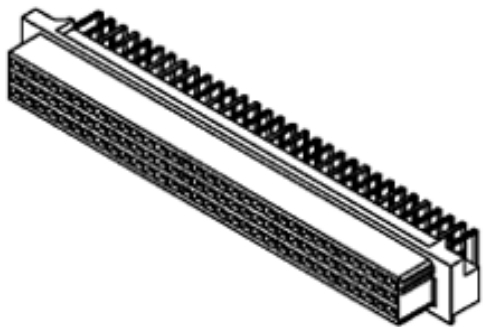


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

Temperature Range - Operating	-55°C to +125°C
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

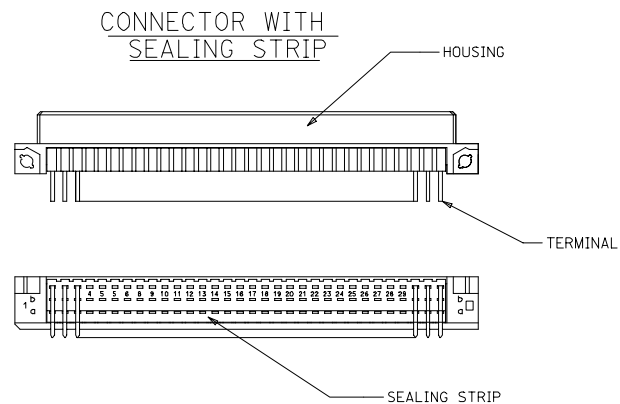
Product Specification	PS-36509-001
Sales Drawing	SD-36509-001

This document was generated on 05/13/2010

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	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	MATERIAL No	MOLEX ENG No	PERF LEVEL	PLATING	CONTACT SEQUENCE/ROW	MOUNTING CLIP	SEALING STRIP													
M	36509-0001	MM-B2400-R960	1	Au+Ni	1,2,3....32 a+b+c	NO	NO													
	36509-0002	MM-B2500-R960	2	Au+Ni	1,2,3....32 a+b+c	NO	NO													
	36509-0003	MM-B2600-R960	3	Au+Ni	1,2,3....32 a+b+c	NO	NO													
L																				
	36509-0007	MM-B2400-R910	1	Au+Ni	1,2,3....32 a+b+c	YES	NO													
	36509-0008	MM-B2500-R910	2	Au+Ni	1,2,3....32 a+b+c	YES	NO													
K	36509-0009	MM-B2600-R910	3	Au+Ni	1,2,3....32 a+b+c	YES	NO													
J	36509-0013	MM-B2400-R960-101	1	Au+Ni	1,2,3....32 a+b+c	NO	YES													
	36509-0014	MM-B2500-R960-101	2	Au+Ni	1,2,3....32 a+b+c	NO	YES													
	36509-0015	MM-B2600-R960-101	3	Au+Ni	1,2,3....32 a+b+c	NO	YES													
I																				
	36509-0019	MM-B2400-R910-101	1	Au+Ni	1,2,3....32 a+b+c	YES	YES													
	36509-0020	MM-B2500-R910-101	2	Au+Ni	1,2,3....32 a+b+c	YES	YES													
	36509-0021	MM-B2600-R910-101	3	Au+Ni	1,2,3....32 a+b+c	YES	YES													
H																				

The diagrams illustrate the connector assembly. The top diagram is a side view showing the housing, the sealing strip, and the terminals. The bottom diagram is a top view showing the individual contacts and the sealing strip.



RoHS COMPLIANT

EC NO: 12007-0044 DOWNSATTI MARAD CHICKSODHIR APPR:SS3DHR	2006/10/10 2006/10/10 2006/10/18	QUALITY SYMBOLS ▼ ▼	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
	DESCRIPTION	<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .01</td><td>± .0004</td></tr><tr><td>3 PLACES</td><td>± .005</td><td>± .0002</td></tr><tr><td>2 PLACES</td><td>± .01</td><td>± .0004</td></tr><tr><td>1 PLACE</td><td>± .015</td><td>± .0006</td></tr></table>		mm	INCH	4 PLACES	± .01	± .0004	3 PLACES	± .005	± .0002	2 PLACES	± .01	± .0004	1 PLACE	± .015	± .0006	DRAWN BY SS	DATE 1999/09/24	TITLE ASSEMBLY, DIN41612 R FEMALE 96 POS		
		mm	INCH																			
	4 PLACES	± .01	± .0004																			
3 PLACES	± .005	± .0002																				
2 PLACES	± .01	± .0004																				
1 PLACE	± .015	± .0006																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY GJLOWE	DATE 1999/09/24	MOLEX MOLEX INCORPORATED																			
SIZE A1	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-36509-001	SHEET NO. 2 OF 2																			