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Part Number:

0365100025

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, R/2 Style, Right Angle, Through Hole, 32 Circuits, 1.10µm (43µ") Gold (Au) Selective, Lead-Free

Documents:

[Drawing \(PDF\)](#)

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

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

General

Product Family

Backplane Connectors

Series

36510

Application

Backplane

Comments

No Mounting Clip. No Sealing Strip

Component Type

PCB Receptacle

Overview

[din_41612](#)

Product Name

IEC 603-2/DIN 41612

Style

R/2

Physical

Circuits (Loaded)

32

Circuits (maximum)

32

Circuits Detail

1,2,3,...16; a+c

Color - Resin

Gray

Durability (mating cycles max)

500

Keying to Mating Part

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Nickel

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

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Tray

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)

43

Plating min: Mating (µm)

1.10

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

Current - Maximum per Contact

1A

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

[36510Series](#)

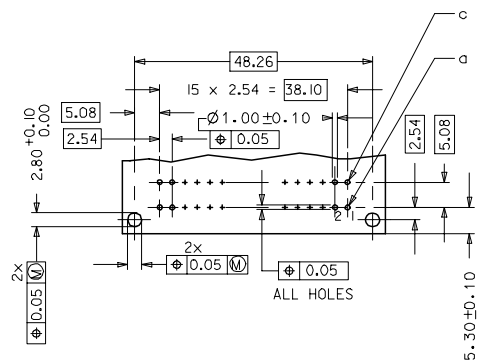
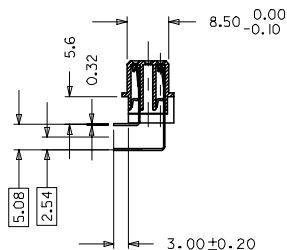
Mates With

[36512](#)

Data Rate	622.0 Mbps
Voltage - Maximum	1550V (RMS)
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Old Part Number	MMB2400R483
Reference - Drawing Numbers	
Product Specification	PS-36509-001
Sales Drawing	SD-36510-002

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Technical drawing of a 1/2 inch NPT female fitting. The drawing shows a side view of the fitting with a 1.3 inch maximum length and a 3 inch maximum height. The fitting is labeled with '1/2' and 'NPT'.

EC NO: 12007-0044 DOWNSATTI MARAD CHICKSODHIR APPR: S3DHIR 2006/10/10 2006/10/11 2006/10/19	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
	 	<table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>$\pm .01$</td><td>$\pm .0005$</td></tr><tr><td>3 PLACES</td><td>$\pm .005$</td><td>$\pm .0002$</td></tr><tr><td>2 PLACES</td><td>$\pm .01$</td><td>$\pm .0005$</td></tr><tr><td>1 PLACE</td><td>$\pm .015$</td><td>$\pm .0006$</td></tr></table>		mm	INCH	4 PLACES	$\pm .01$	$\pm .0005$	3 PLACES	$\pm .005$	$\pm .0002$	2 PLACES	$\pm .01$	$\pm .0005$	1 PLACE	$\pm .015$	$\pm .0006$	DRAWN BY SS 1999/09/24 CHECKED BY GJLOWE 1999/09/24 APPROVED BY GJLOWE 1999/09/24		TITLE		ASSEMBLY, DIN 41612 R/2 FEMALE, 32 POS A+C LOADED	
		mm	INCH																				
	4 PLACES	$\pm .01$	$\pm .0005$																				
3 PLACES	$\pm .005$	$\pm .0002$																					
2 PLACES	$\pm .01$	$\pm .0005$																					
1 PLACE	$\pm .015$	$\pm .0006$																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART SIZE A1		DOCUMENT NO. SD-36510-002		SHEET NO. 1 OF 2		MOLEX INCORPORATED THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
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