

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955012661

Status:

Active

Overview:

modular_plugs_jacks

Description:

Modular Jacks, Low Profile, Trough Hole, 6 Positions, 6 loaded, RJ12

Documents:

3D Model

Drawing (PDF)

Application Specification (PDF)

Product Specification PS-95501 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Series

Component Type

Magnetic

Overview

Performance Category

Power over Ethernet (PoE)

Product Name

Modular Jacks/Plugs

95501

PCB Jack

No

modular_plugs_jacks

3

N/A

RJ12

Physical

Boot Color

Color - Resin

Durability (mating cycles max)

Flammability

Inverted / Top Latch

Lightpipes/LEDs

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Orientation

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)

Ports

Positions / Loaded Contacts

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

Wire/Cable Type

N/A

Black

500

94V-0

No

None

Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

Right Angle (Side Entry)

Yes

Yes

0.063 In

1.60 mm

Tray

0.040 In

1.02 mm

0.050 In

1.27 mm

50.8

1.27

76

1.9

1

6/6

Yes

-40°C to +80°C

Through Hole

No

N/A

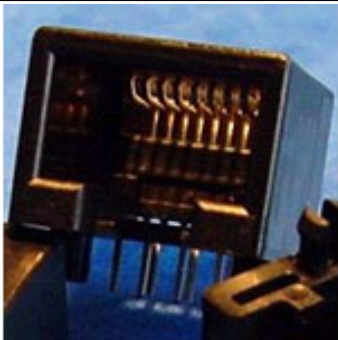


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

95501Series

Mates With

FCC 68 Plugs

Use With

90075

Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	125V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

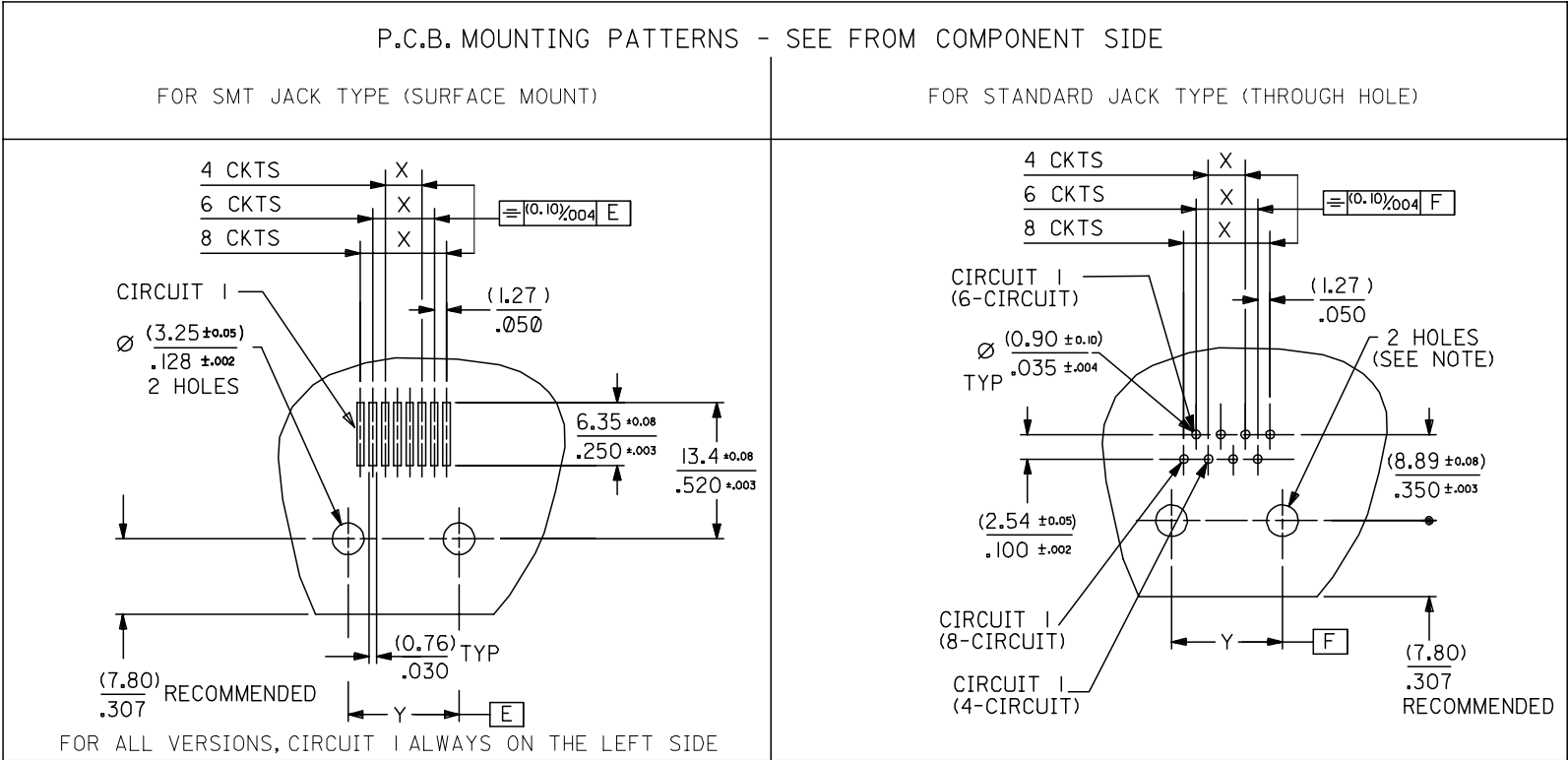
Reference - Drawing Numbers

Packaging Specification	PK-95001
Product Specification	PS-95501
Sales Drawing	SD-95501-001

This document was generated on 06/07/2010

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TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
Y $\pm 0.05 / \pm .002$	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
X $\pm 0.05 / \pm .002$	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350



NOTE:
FOR CONVECTION SOLDERING: DIA 3.25 $\pm$ 0.05 / .128 $\pm$.002
FOR WAVE SOLDERING: DIA 3.20 $\pm$ 0.10 / .126 $\pm$.004

REV	DESCRIPTION	DATE	BY	CHKD	APPR
B	MODIFIED TABLE	2007/10/05	EC NO: E2008-0176	DRWN:DBYRNES	2007/10/05
		2007/10/05		CHKD:	2007/10/05
		2007/10/05		APPR:EOMAHONY	2007/10/05

QUALITY SYMBOLS
$\nabla = 0$
$\nabla = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES $\pm .005$	$\pm .0004$
3 PLACES $\pm .006$	$\pm .0005$
2 PLACES $\pm .010$	$\pm .0008$
1 PLACE $\pm .015$	$\pm .0012$
ANGULAR $\pm .005$	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM/IN	DATE
DRAWN BY DBYRNES	2006/08/02
CHECKED BY EOMAHONY	2006/08/12
APPROVED BY EOMAHONY	2006/08/12
MATERIAL NO.	
SEE CHART SHEETS 4,5&6	
SIZE A3	

SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
TITLE			
R/A LOW PROFILE JACK PC JACK 4,6,8 CKT SIZE SMT AND STANDARD VERSION			
MOLEX INCORPORATED			
DOCUMENT NO. SD-95501-001			SHEET NO. 3 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

STANDARD PACKAGING OPEN TRAY ,SEE PACKAGING SPEC PK95001 SHEET 1

PART NO FOR JACK ASSEMBLY
THROUGH HOLE VERSION

HOUSING SIZE	LOADED CONTACTS	PLATING	LCP GLASS FILED 94V0,COLOR BLACK.					
			NO KEY NOT RIBBED	TOOLED	KEY NOT RIBBED	TOOLED		TOOLED
4	4	2	95501-2441	X				
6	4	2	95501-2641	X				
6	6	2	95501-2661	X				
8	8	2	95501-2881	X	95501-2882	X		

ORIGINAL EC NO: E2007-0117 DRWN:DBYRNES 2006/10/11 CHKD: 2006/10/11 APPR:EOMAHONY 2006/10/12 A	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> <tr> <td colspan="3">ANGULAR ±---°</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	ANGULAR ±---°			DIMENSION STYLE MM ONLY DRAWN BY DBYRNES DATE 2006/08/02 CHECKED BY DATE EOMAHONY 2006/08/12 APPROVED BY DATE EOMAHONY 2006/08/12 MATERIAL NO. SEE CHART DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE LOW PROFILE R/A JACK STANDARD T/HOLE VERSION STANDARD OPEN TRAY VERS MOLEX INCORPORATED DOCUMENT NO. SD-95501-001 SHEET NO. 4 OF 5
		mm	INCH																			
	4 PLACES	±---	±---																			
	3 PLACES	±---	±---																			
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