

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955016889

Status:

Active

Overview:

modular_plugs_jacks

Description:

Modular Jacks, Low Profile, SMT Jack, 8 Positions, 8 loaded

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

RJ45

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

Tube

0.040 In

1.02 mm

0.050 In

1.27 mm

50.8

1.27

76

1.9

1

8/8

Yes

-40°C to +80°C

Surface Mount

No

N/A

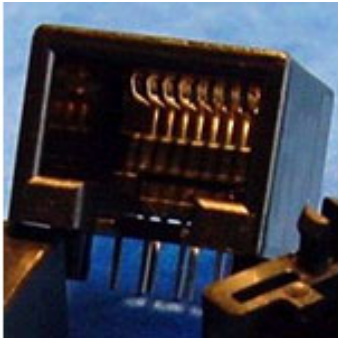


image - Reference only

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)	45
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

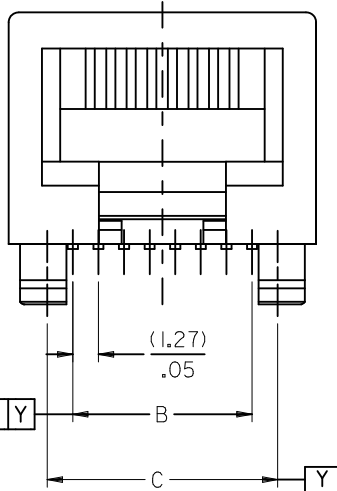
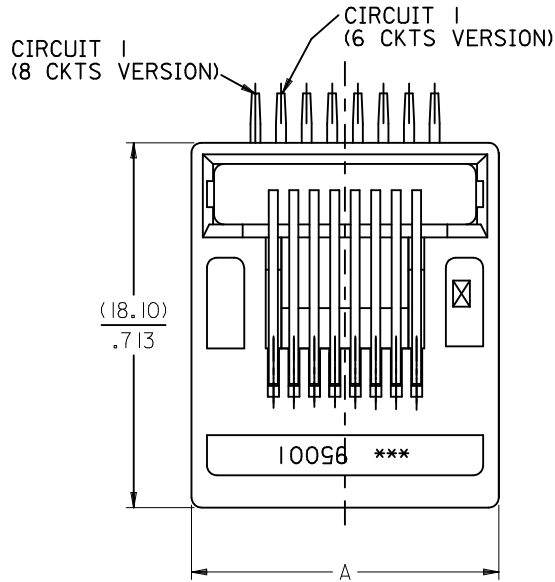
Packaging Specification	PK-95001
Product Specification	PS-95501
Sales Drawing	SD-95501-001

This document was generated on 06/07/2010

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6 & 8 VERSIONS

8 VERSION SHOWN



TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
C	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
B	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

NOTES :

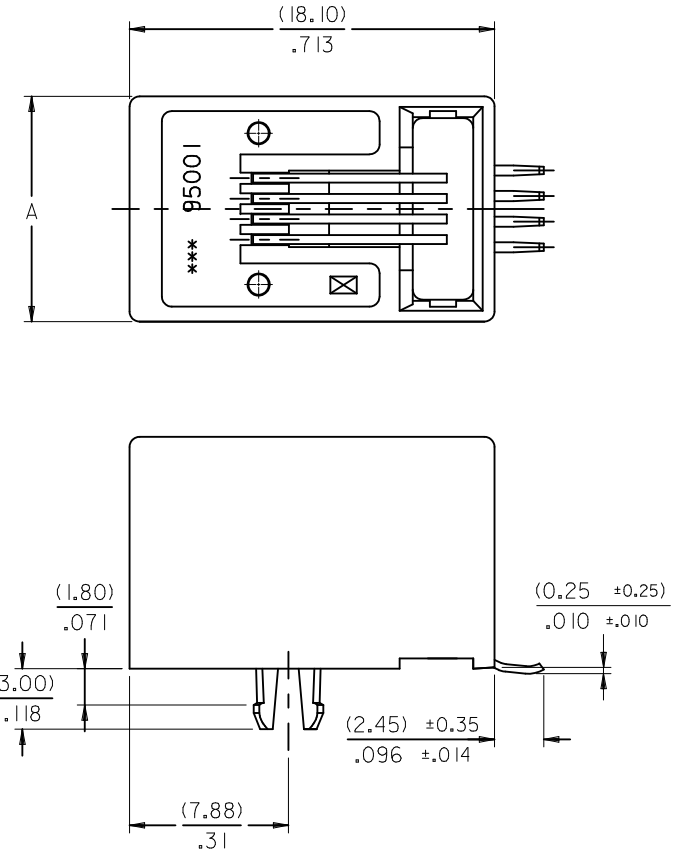
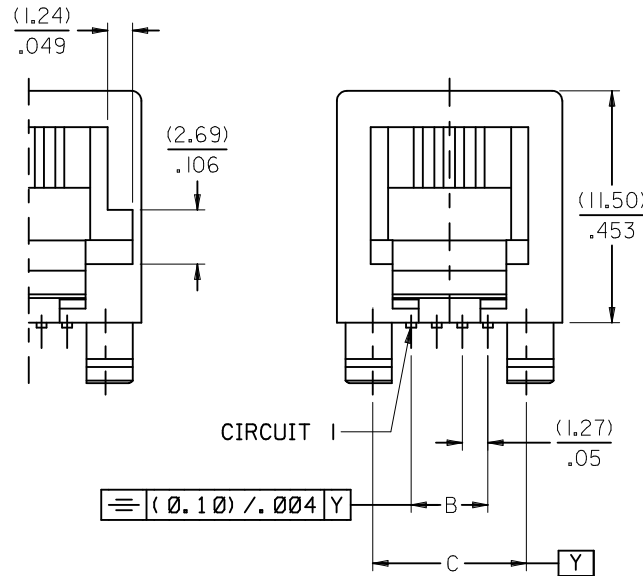
1- MATERIAL:

-HOUSING: LCP GLASS FILLED UL 94V-0,
COLOUR BLACK.

2- SEE OTHER NOTES SHEET 1

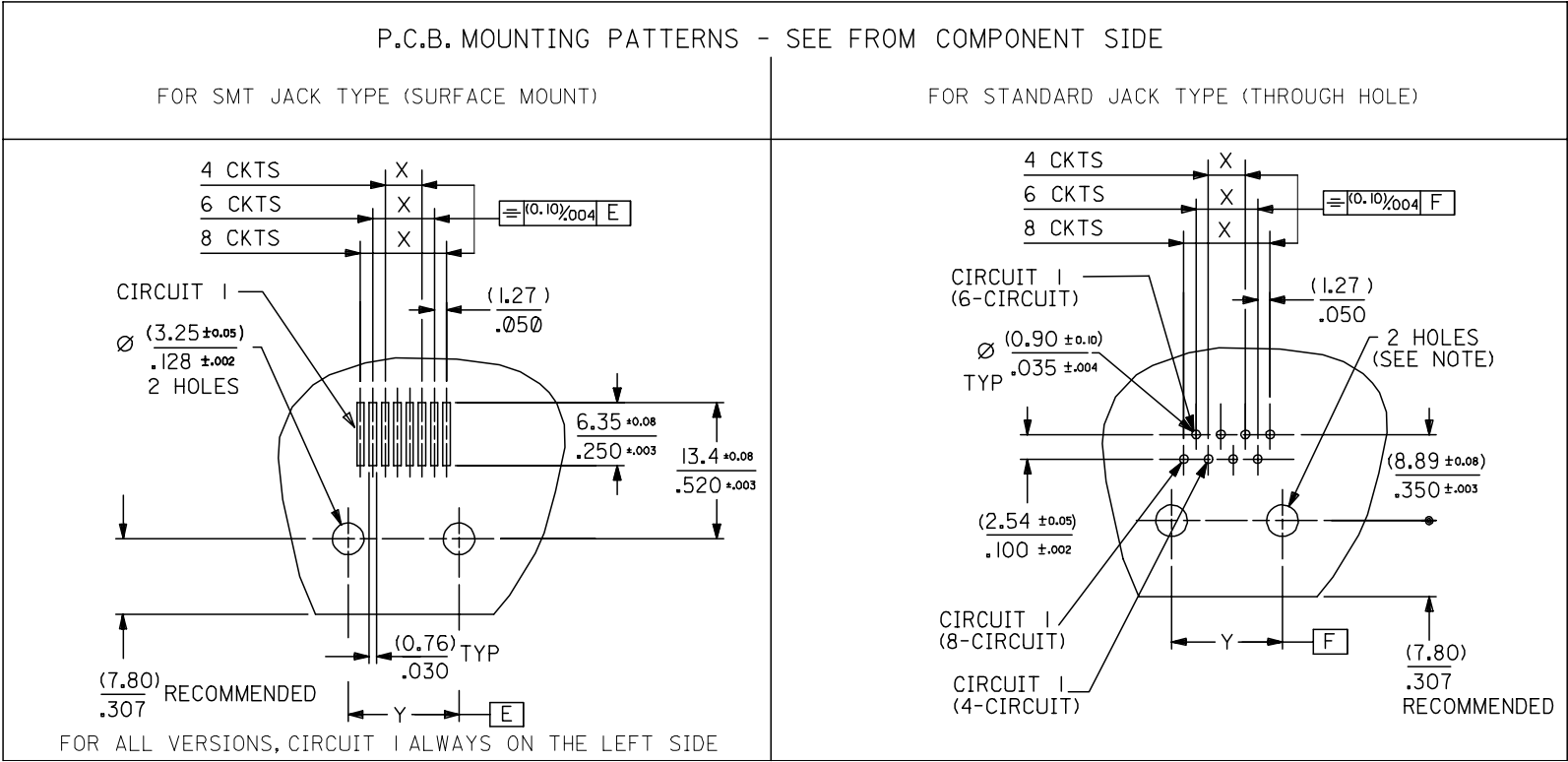
3- COPLANARITY OF SIGNAL TAILS 0.10MM

OPTIONAL KEYING



ADDED NOTE 3. EC NO: E2010-0156 DRWN: DBYRNES CHKD: APPR: J WALLACE 2010/01/08 2010/01/08 2010/01/08	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		 =0 =0	mm	INCH	MM/IN		4:1	METRIC	TITLE R/A LOW PROFILE PC JACK 4,6,8 CKTS SIZE SMT VERSION MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	DRAWN BY	DATE	DOCUMENT NO. SD-95501-001			SHEET NO. 2 OF 5
			3 PLACES	± ---	± .006	CHECKED BY	DATE				
			2 PLACES	± 0.15	± .010	EOMAHONY	2006/08/12				
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
		ANGULAR ± ---°		EOMAHONY		2006/08/12					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART SHEETS 4,5&6					
				SIZE		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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

MODIFIED TABLE EC NO: E2008-0176 DRWN: DBYRNES CHKD: APPR: EOMAHONY		DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				▽=0								
				▽=0								
B					mm	INCH	DRAWN BY	DATE	TITLE R/A LOW PROFILE JACK PC JACK 4,6,8 CKT SIZE SMT AND STANDARD VERSION			
				4 PLACES	± ---	± ---	DBYRNES	2006/08/02				
				3 PLACES	± ---	± .006	CHECKED BY	DATE				
				2 PLACES	± 0.15	± .010	EOMAHONY	2006/08/12				
				1 PLACE	± 0.25	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED			
				ANGULAR ± ---°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART SHEETS 4,5&6		SD-95501-001		3 OF 5	
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

SPECIAL PACKAGING TUBE,SEE PACKAGING SPEC PK95001 SHEET 3

PART NO FOR JACK ASSEMBLY
THROUGH HOLE VERSION

PART NO FOR JACK ASSEMBLY
SMT VERSION

HOUSING SIZE	LOADED CONTACTS	PLATING	LOP GLASS FILED 94V0,COLOR BLACK.							
			NO KEY	TOOLED	KEY	TOOLED		TOOLED		TOOLED
			NOT RIBBED		NOT RIBBED					
4	4	2	95501-2401	X						
6	4	2	95501-2601	X						
6	6	2	95501-2611	X						
8	8	2	95501-2821	X						

PLATING	LOP GLASS FILLED 94V0 COLOUR BLACK								
	NO KEY	TOOLED	KEY	TOOLED	NO KEY	TOOLED	KEY	TOOLED	
	NOT RIBBED		NOT RIBBED		NOT RIBBED		NOT RIBBED		
2	95501-6449	X							
2	95501-6649	X							
2	95501-6669	X							
2	95501-6889	X	95501-6890	X					

REMOVED GREY OPTIONS EC NO: E2007-0513 2007/01/08 DRWN:DBYRNES CHKD: 2007/01/08 APPR:EOMAHONY 2007/01/09	QUALITY SYMBOLS ▽=0 ▽C=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY DBYRNES	DATE 2006/08/02	TITLE LOW PROFILE R/A JACK STANDARD AND SMT VERSION TUBE PACKAGING				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	EOMAHONY	2006/08/12					
			2 PLACES	± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
			1 PLACE	± ---	± ---	EOMAHONY	2006/08/12					
			ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.					
B	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART		SD-95501-001				5 OF 5			
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								