

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955016890

Status:

Active

Overview:

modular_plugs_jacks

Description:

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

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

Keying to Mating Part

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

Yes

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

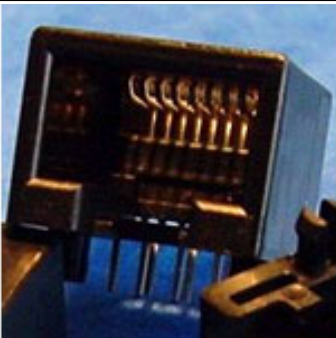


image - Reference only

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

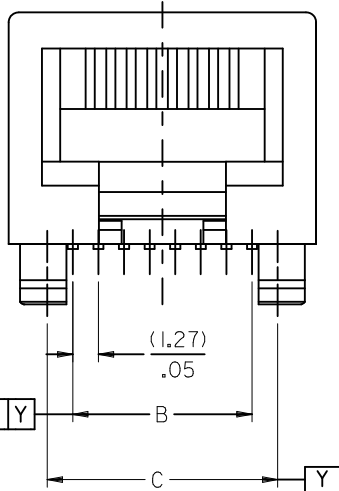
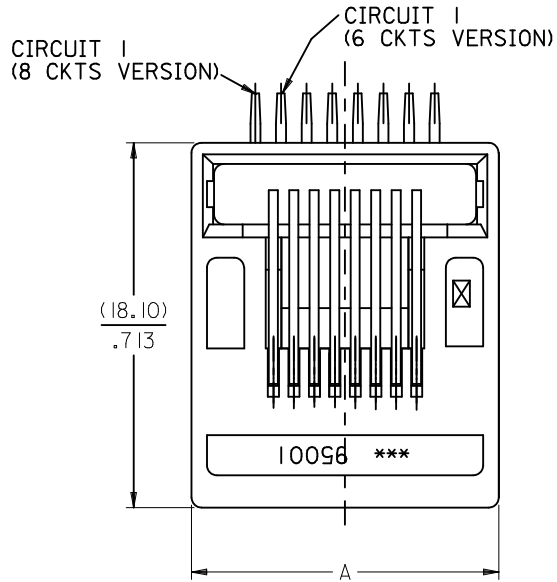
Packaging Specification	PK-95001
Product Specification	PS-95501
Sales Drawing	SD-95501-001

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 :

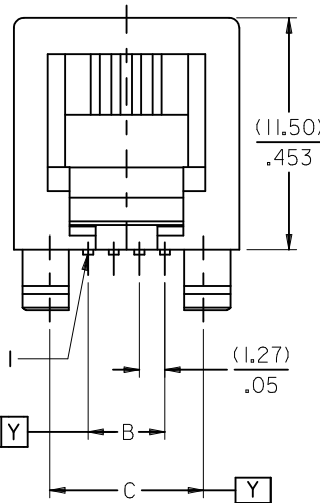
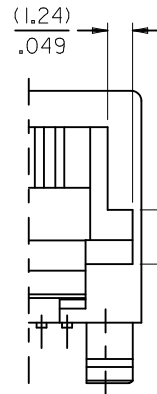
1- MATERIAL:

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

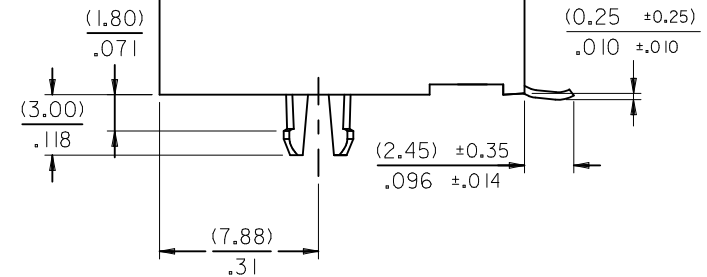
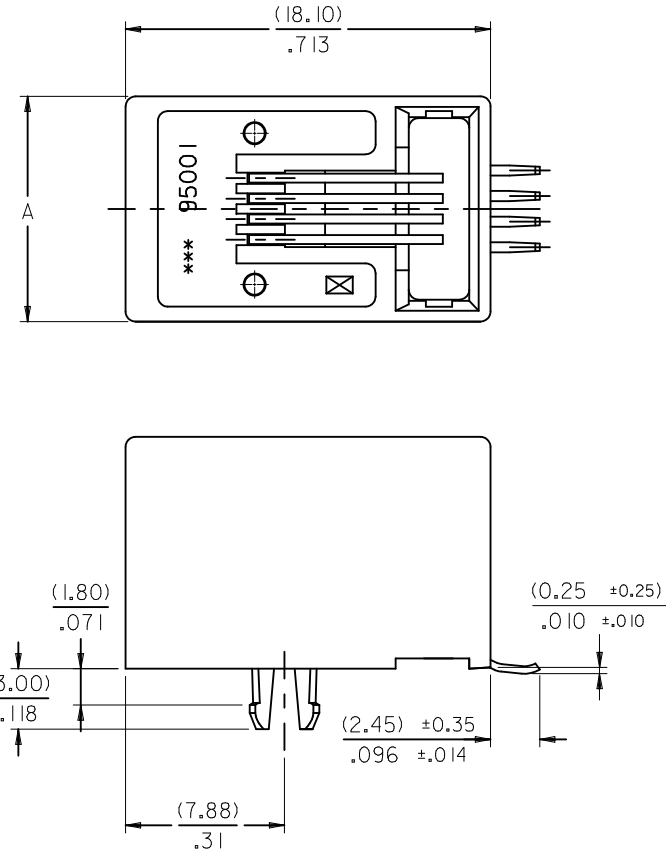
2- SEE OTHER NOTES SHEET 1

3- COPLANARITY OF SIGNAL TAILS 0.10MM

OPTIONAL KEYING

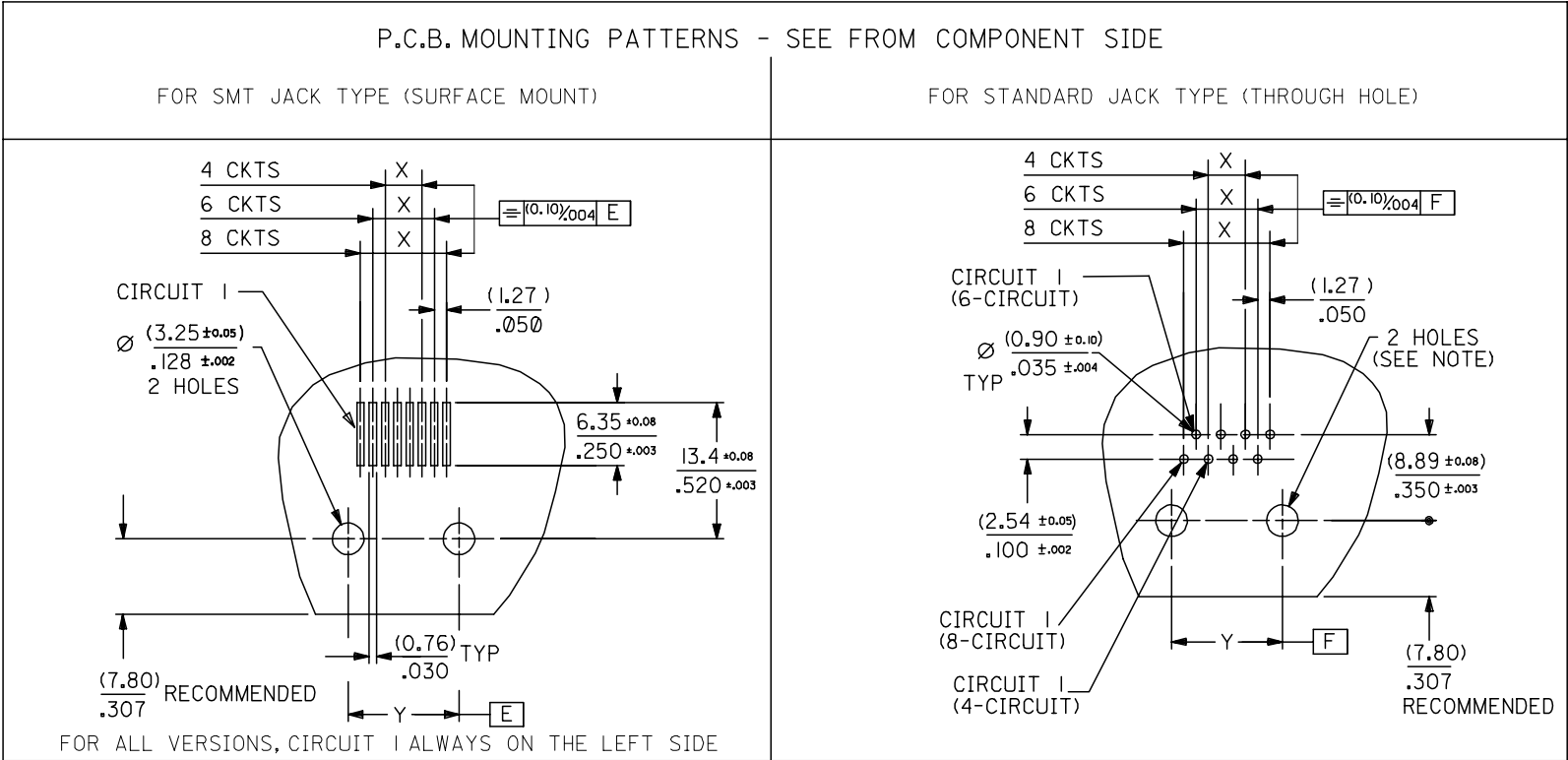


(0.10) / .004 Y



ADDED NOTE 3. EC NO: E2010-0156 DRAWN:DBYRNES CHKD: APPR: WALLACE		2010/01/08 2010/01/08 2010/01/08	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY DBYRNES	DATE 2006/08/02	TITLE R/A LOW PROFILE PC JACK 4,6,8 CKTS SIZE SMT VERSION			
D	REV				4 PLACES	± ---	± ---	CHECKED BY				
					3 PLACES	± ---	± .006	EOMAHONY	2006/08/12			
					2 PLACES	± 0.15	± .010	APPROVED BY	DATE			
					1 PLACE	± 0.25	± ---	EOMAHONY	2006/08/12			
					ANGULAR		± ---°	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE CHART SHEETS 4,5&6		SD-95501-001		2 OF 5			
							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

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)	
PLACES	TOLERANCE
4 PLACES	$\pm .005$
3 PLACES	$\pm .006$
2 PLACES	$\pm .010$
1 PLACE	$\pm .015$
ANGULAR	$\pm .010$
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
2:1	METRIC		
TITLE			
R/A LOW PROFILE JACK PC JACK 4,6,8 CKT SIZE SMT AND STANDARD VERSION			
MOLEX INCORPORATED			
DOCUMENT NO.	SHEET NO.		
SD-95501-001	3 OF 5		

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	TOOLED	NOT RIBBED	TOOLED		TOOLED		TOOLED
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	TOOLED	NOT RIBBED	TOOLED	NOT RIBBED	TOOLED	NOT RIBBED	TOOLED	
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.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-95501-001		5 OF 5					
B	REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						