

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955036894

Status:

Active

Overview:

modular_plugs_jacks

Description:

8/8 JACK SMT SHORT NO KEY VERSION

Documents:

3D Model

Drawing (PDF)

Application Specification (PDF)

Product Specification PS-95503-001 (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

95503

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

1,000

94V-0

No

None

Brass

Gold

Tin

High Temperature Thermoplastic

Vertical (Top Entry)

Yes

Yes

0.062 In

1.57 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

Through Hole

No

N/A

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

95503Series

Mates With

FCC 68 Plugs

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
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

Product Specification	PS-95503-001, RPS-95503-002
Sales Drawing	SD-95503-003
Test Summary	STR-1181

This document was generated on 06/07/2010

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NOTES :

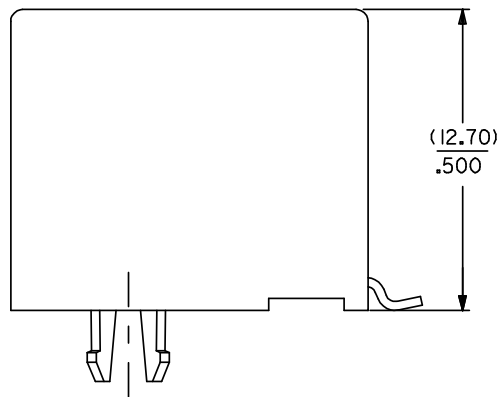
1- MATERIAL:

-HOUSING: L C P FIBER GLASS FILLED UL 94-V0
COLOR BLACK

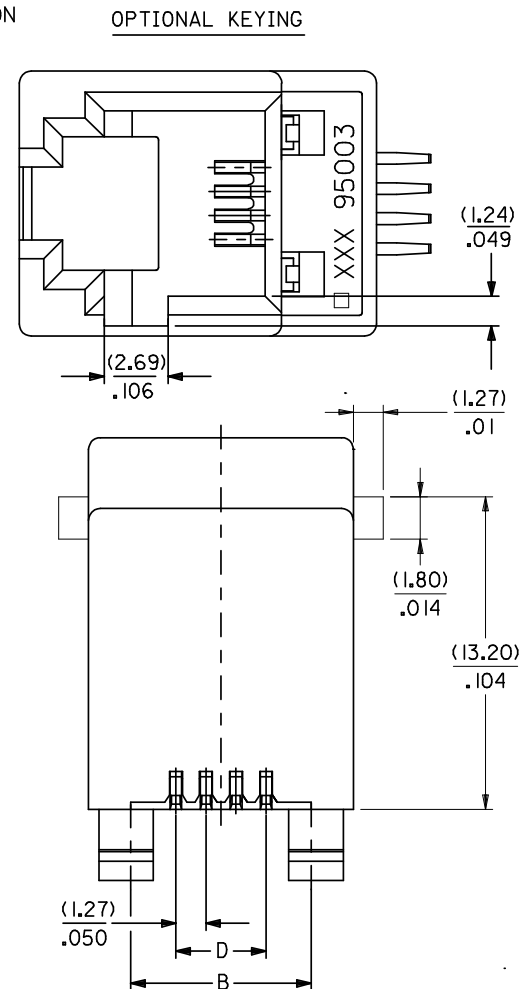
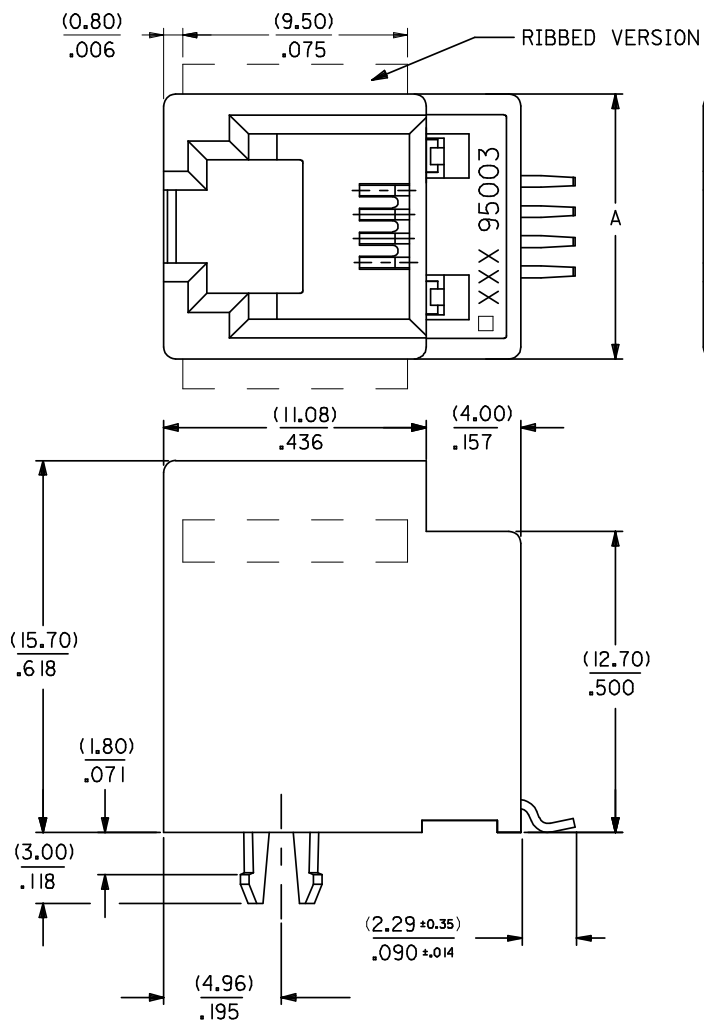
2- APPLICATION SPECIFICATION: AS-85513-001 (SMT)

3- SEE OTHER NOTES SHEET 1.

4- COPLANARITY OF SIGNAL TAILS 0.1mm MAX
RELEVANT TO EACH OTHER.



SHORT VERSION



DIM.	TYPE	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
B		(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
D		(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

ADDED NOTE 4.		QUALITY SYMBOLS
EC NO: E2008-0585	2008/04/21	
DRW:BYRNES	2008/04/22	
CHKD: CHKD:	2008/04/22	
APPR:EDMAHONY	2008/04/22	DESCRIPTION
REV		

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .006
2 PLACES ± 0.15	± .010
1 PLACE ± 0.25	± ---
ANGULAR ± .5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

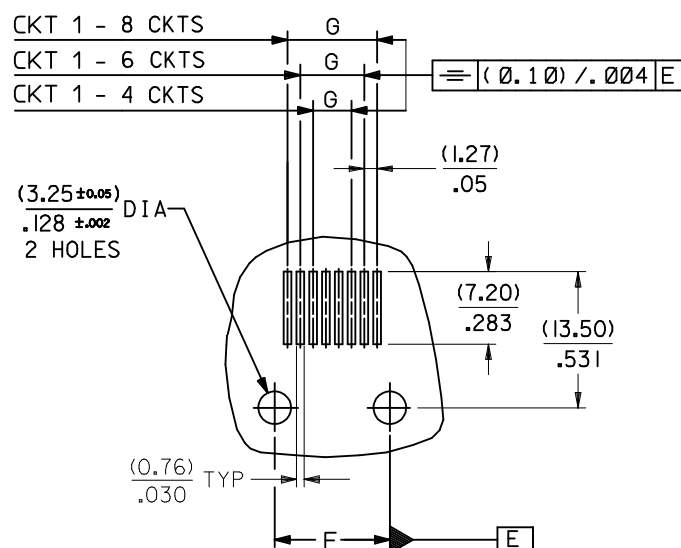
DIMENSION STYLE	
MM/IN	DATE
DRAWN BY	2005/06/19
CHECKED BY	DATE
FCARABETTA	2005/06/19
APPROVED BY	DATE
KNOLLER	2005/06/19
MATERIAL NO.	
SEE SHT. 4, 5	

SCALE 5:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE LOW PROFILE T/E JACK (SMT VERSION)			
MOLEX MOLEX INCORPORATED			
DOCUMENT NO. SD-95503-003			SHEET NO. 2 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

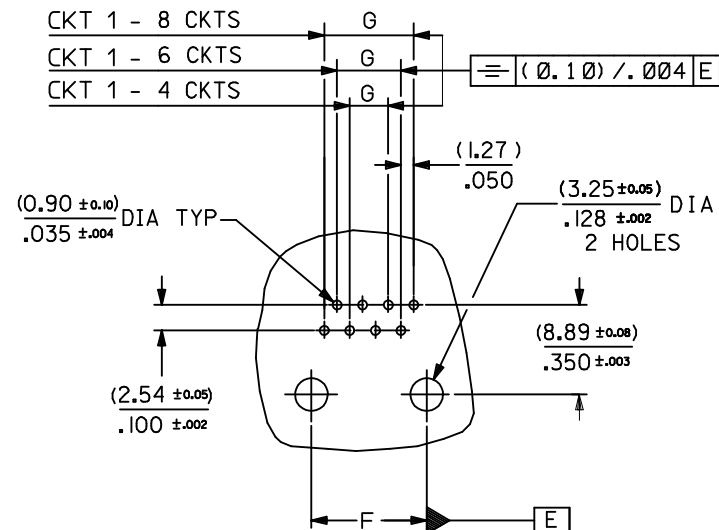
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
F $(\pm 0.05)/\pm .002$	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
G $(\pm 0.05)/\pm .002$	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

P.C.B MOUNTING PATTERNS - SEEN FROM COMPONENT SIDE

FOR SMT JACK (SURFACE MOUNT)



FOR STANDARD JACK (THROUGH HOLE)



REV	DESCRIPTION	DATE	BY	APPR
1	ADDED CKT 1 INDICATOR FOR CKT 1	2009/08/13	DRW:DBYRNES	2009/08/19
2		2009/08/19	CHKD:	2009/08/19
3		2009/08/19	APPR: J WALLACE	2009/08/19
4				
5				
6				
7				
8				
9				
10				

QUALITY SYMBOLS
 = 0
 = 0.006
 = 0.010
 = 0.025
 = 0.5°

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .006
2 PLACES	± 0.15	± .010
1 PLACE	± 0.25	± ---

ANGULAR ± .5°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY	DATE
TMARTIN	2005/06/15
CHECKED BY	DATE
FCARABETTA	2005/06/15
APPROVED BY	DATE
KNOLLER	2005/06/15

MATERIAL NO.

SEE SHT. 4, 5

SIZE
A3

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

LOW PROFILE T/E JACK



MOLEX INCORPORATED

DOCUMENT NO.

SD-95503-003

SHEET NO.

3 OF 5

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