

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955032661

Status:

Active

Overview:

modular_plugs_jacks

Description:

6/6 JACK THROUGH HOLE NO KEY VERSION

Documents:

3D Model

Application Specification (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

95503

Component Type

PCB Jack

Magnetic

No

Overview

modular_plugs_jacks

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Name

RJ11

Physical

Boot Color

N/A

Color - Resin

Black

Durability (mating cycles max)

1,000

Flammability

94V-0

Inverted / Top Latch

No

Lightpipes/LEDs

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Orientation

Vertical (Top Entry)

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.57 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.040 In

Pitch - Mating Interface (mm)

1.02 mm

Pitch - Term. Interface (in)

0.050 In

Pitch - Term. Interface (mm)

1.27 mm

Plating min: Mating (µin)

50.8

Plating min: Mating (µm)

1.27

Plating min: Termination (µin)

76

Plating min: Termination (µm)

1.9

Ports

1

Positions / Loaded Contacts

6/6

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +80°C

Termination Interface: Style

Through Hole

Waterproof / Dustproof

No

Wire/Cable Type

N/A

Electrical

EU RoHS

China RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free



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

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-95003
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: LCP FIBER GLASS FILLED UL 94-V0
COLOR BLACK.
- TERMINAL: TIN BRASS.

PLATING 2:

POST PLATE (0.00127-0.00152)/.000050-.000060 GOLD IN
CONTACT AREA. (0.00190)/.000075 MIN. PURE TIN IN TAIL
AREA BOTH OVER (0.00127)/.000050 MIN. NICKEL OVERALL.

PLATING 7: ONLY ON REQUEST

POST PLATE 0.00005/.000002 MIN GOLD OVER 0.000763
.000030 MIN PALLADIUM NICKEL IN CONTACT AREA.
0.00190/.000075 MIN PURE TIN IN TAIL AREA. BOTH
OVER 0.00127/.000050 MIN NICKEL OVERALL:

2- JACK FOR MATING WITH F.C.C. 68 PLUGS
90075 MOLEX SERIES.

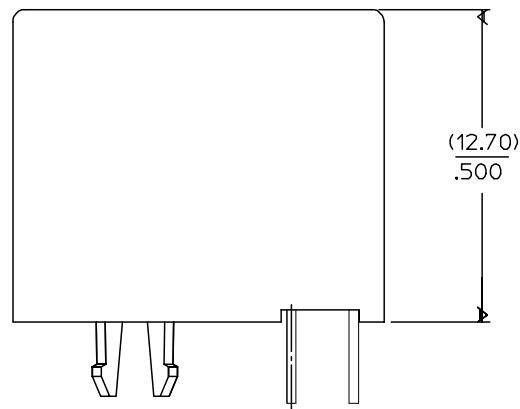
3- PRODUCT SPECIFICATION PS-95503-001

4- PACKAGING SPECIFICATION PK-95003:

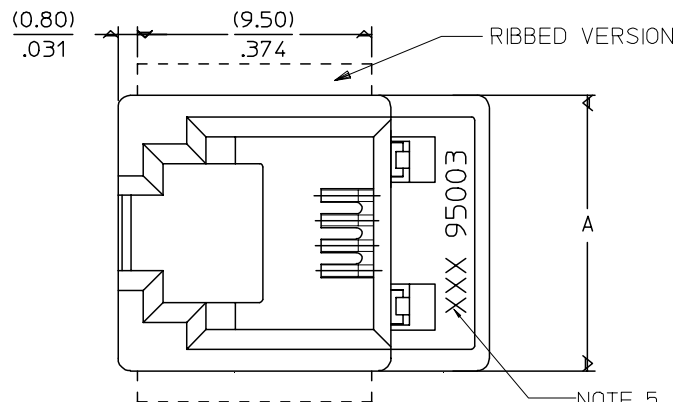
- STANDARD PACKAGING SHEET 1.
- TUBE PACKAGING FOR SMT VERSION SHEET 2.
- TUBE PACKAGING FOR THROUGH HOLE VERSION
SHEET 3.

5- MANUFACTURING I.D. CAN BE MXF, MG OR MXL

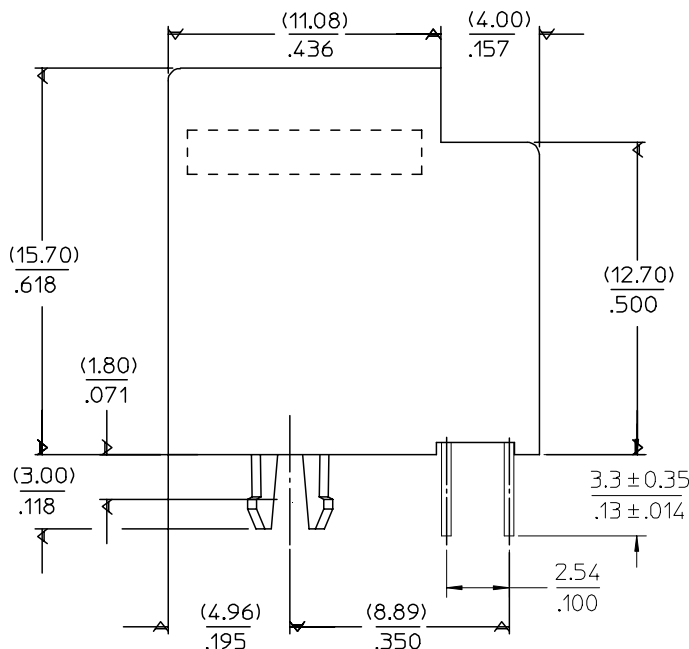
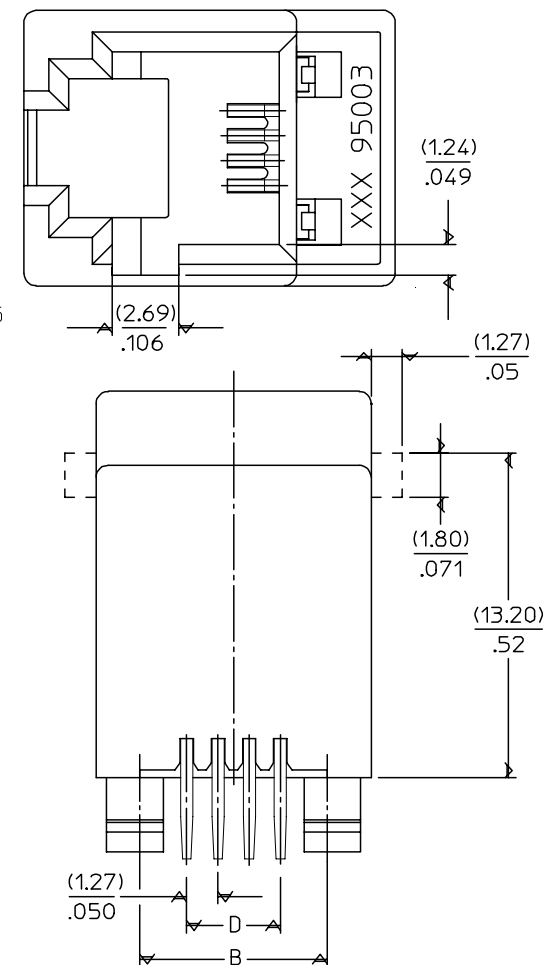
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350



SHORT VERSION



OPTIONAL KEYING



REV	DESCRIPTION	DATE	BY	CHKD	APPR	QUALITY SYMBOLS
D	ADDED TABLE	2007/11/28	EC NO: E2008-0267	DRWN:DBYRNES	2007/11/28	CHKD: APPR:EOMAHONY

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .002
3 PLACES	± .006	± .002
2 PLACES	± 0.15	± .010
1 PLACE	± 0.25	± .010
ANGULAR	± .5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN	DATE
DRAWN BY	T MARTIN
CHECKED BY	F CARABETTA
APPROVED BY	KNOLLER
MATERIAL NO.	

SIZE A3

SCALE

5:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

LOW PROFILE
TOP ENTRY JACK
(THROUGH HOLE VERSION)

MOLEX INCORPORATED

DOCUMENT NO. SD-95503-003

SHEET NO. 1 OF 5

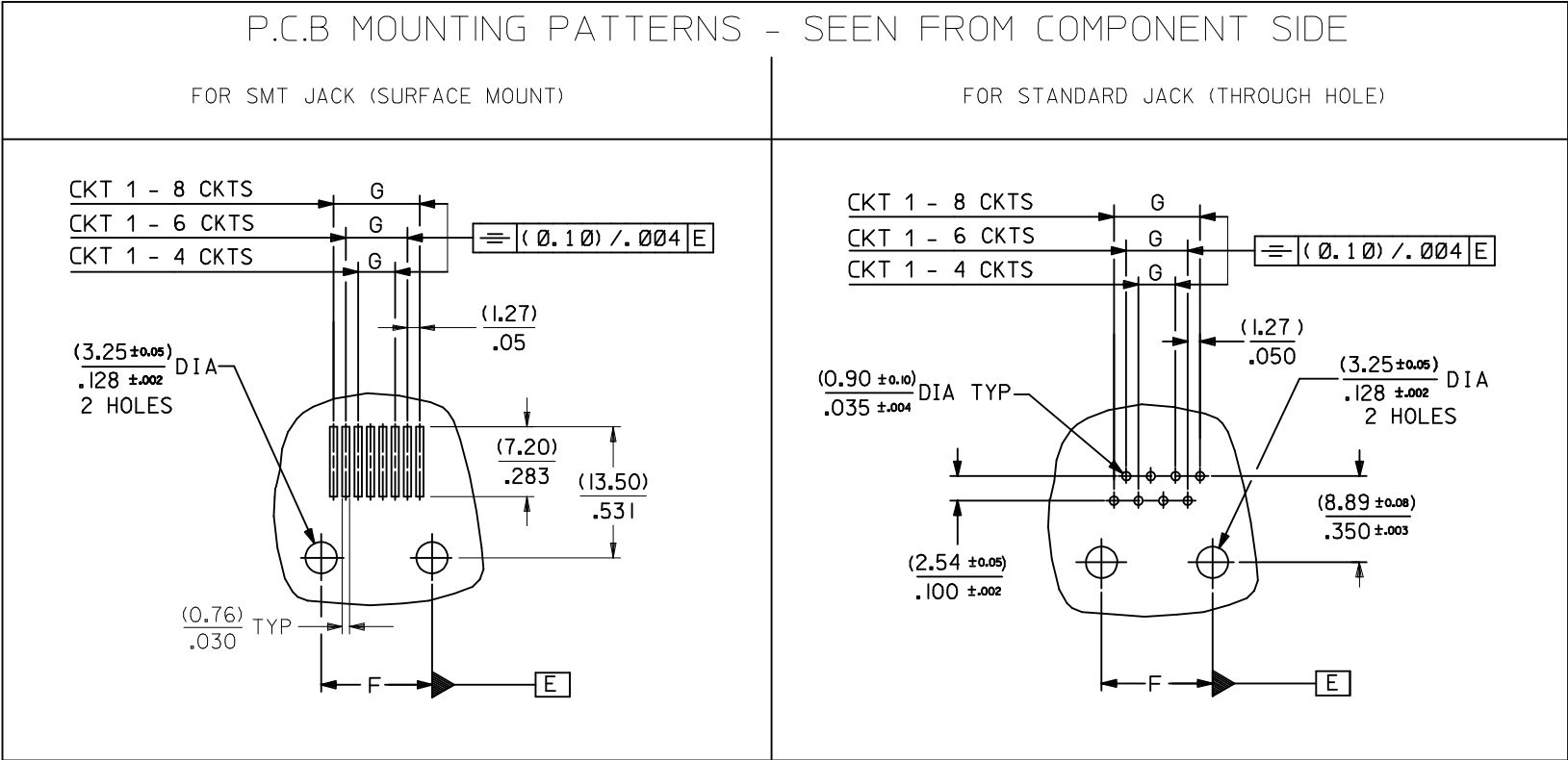
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
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)



ADDED FOR INDICATOR 1		EC NO: E2010-0075		2009/08/13 2009/08/19		2009/08/19		DESCRIPTION		QUALITY SYMBOLS ▽=0 C=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
												mm		INCH		MM/IN		1:1		METRIC	
D		REV		APPR: J WALLACE		CH'KD:		DRWN: DBYRNES				4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE		LOW PROFILE T/E JACK			
												3 PLACES ± --- ± .006		TMARTIN 2005/06/15							
												2 PLACES ± 0.15 ± .010		CHECKED BY DATE		MOLEX MOLEX INCORPORATED		DOCUMENT NO.		SHEET NO.	
												1 PLACE ± 0.25 ± ---		FCARABETTA 2005/06/15							
												ANGULAR ± .5 °		APPROVED BY DATE		SD-95503-003		3 OF 5			
						KNOLLER 2005/06/15															
												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHT. 4, 5							
														SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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FBA

Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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