

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955032881

Status:

Active

Overview:

modular_plugs_jacks

Description:

8/8 JACK THROUGH HOLE 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

Tray

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)	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
Product Specification	PS-95503-001
Sales Drawing	SD-95503-003
Test Summary	STR-1181

This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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.

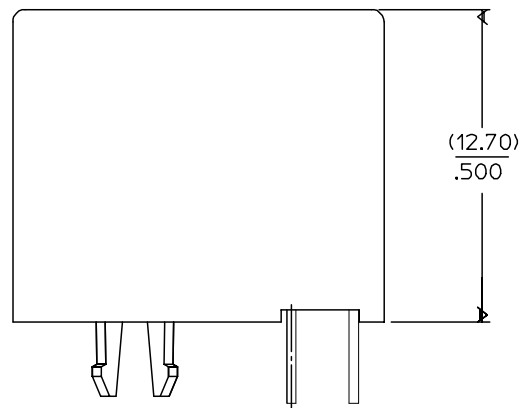
3- PRODUCT SPECIFICATION PS-95503-001

4- PACKAGING SPECIFICATION PK-95003:

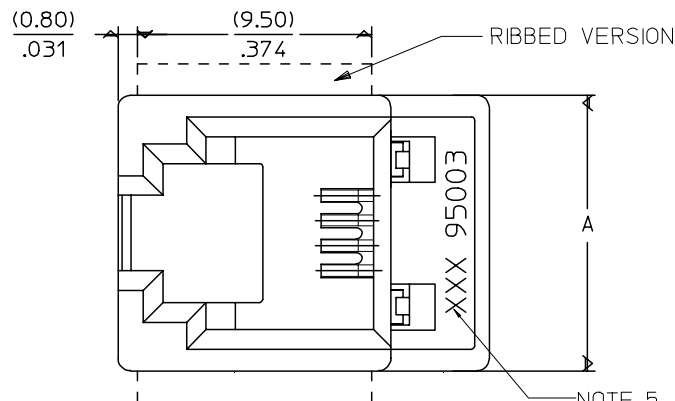
- STANDARD PACKAGING SHEET 1.
- TUBE PACKAGING FOR SMT VERSION SHEET 2.
- TUBE PACKAGING FOR THROUGH HOLE VERSION
SHEET 3.

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

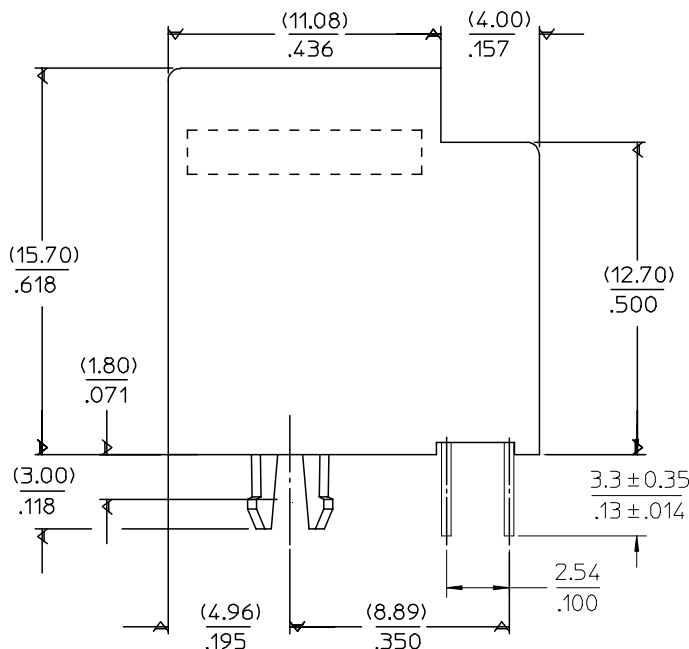
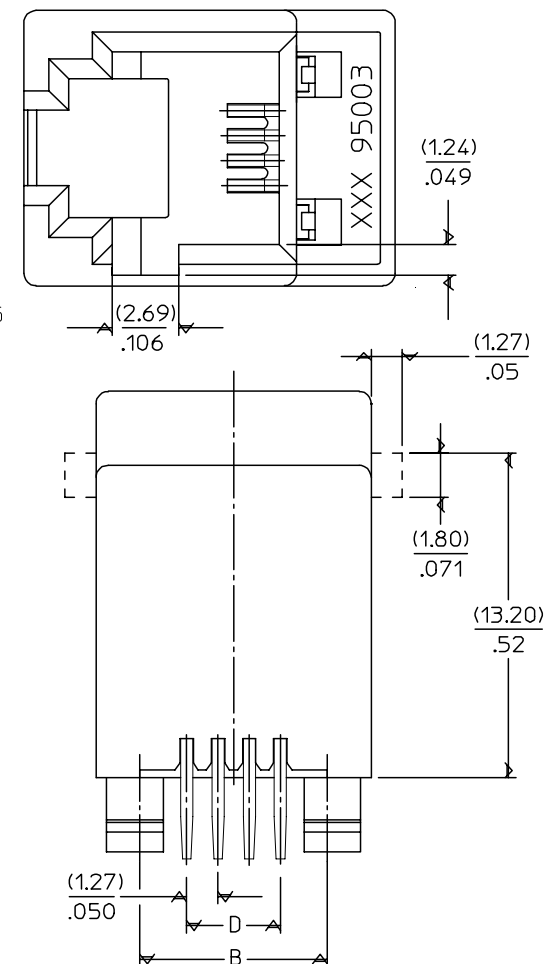
TYPE	POS. 4		POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600	
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450	
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350	



SHORT VERSION



OPTIONAL KEYING



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

QUALITY SYMBOLS
▽=0
▽=0

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 5:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE			
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 SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10987654321

F

E

D

C

B

A

10987654321

TRAY PACKAGING,SEE PACKAGING SPEC PK95003 SHEET 1

HOUSING SIZE

LOADED CONTACTS

PLATING

4

4

2

6

4

2

6

6

2

8

8

2

PART NO FOR JACK ASSEMBLY
THROUGH HOLE STANDARD VERSION

LCP FIBER GLASS FILLED 94V0
COLOR BLACK

NO KEY

TOOLED

KEY

TOOLED

TOOLED

NO RIB

TOOLED

NO RIB

TOOLED

TOOLED

95503-2441

X

95503-2641

X

95503-2661

X

95503-2881

X

95503-2882

X

PART NO FOR JACK ASSEMBLY
THROUGH HOLE SHORT VERSION

LCP FIBER GLASS FILLED 94V0
COLOR BLACK

NO KEY

TOOLED

KEY

TOOLED

TOOLED

NO RIB

TOOLED

NO RIB

TOOLED

TOOLED

95503-2884

X

TOOLED

X

NOT TOOLED

CORRECTED PART #s

EC NO: E2007-0482

DRWN:DBYRNES

CHKD:

APPR:EOMAHONY

2007/01/08

2007/01/08

2007/01/09

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES

±---

±---

3 PLACES

±---

±---

2 PLACES

±---

±---

1 PLACE

±---

±---

ANGULAR

±----

°

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SIZE

A3

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

LOW PROFILE T/E JACK
THROUGH HOLE VERS.

MOLEX INCORPORATED

DOCUMENT NO.

SD-95503-003

SHEET NO.

4 OF 5

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

ib_frame_A3_P_ME_T
Rev. D 2004/04/02

10987654321

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<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.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9