

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

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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.

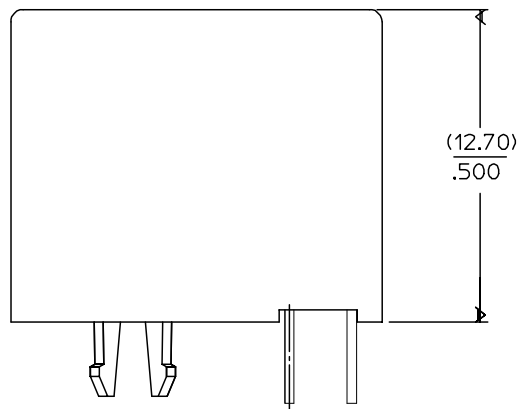
3- PRODUCT SPECIFICATION PS-95503-001

4- PACKAGING SPECIFICATION PK-95003:

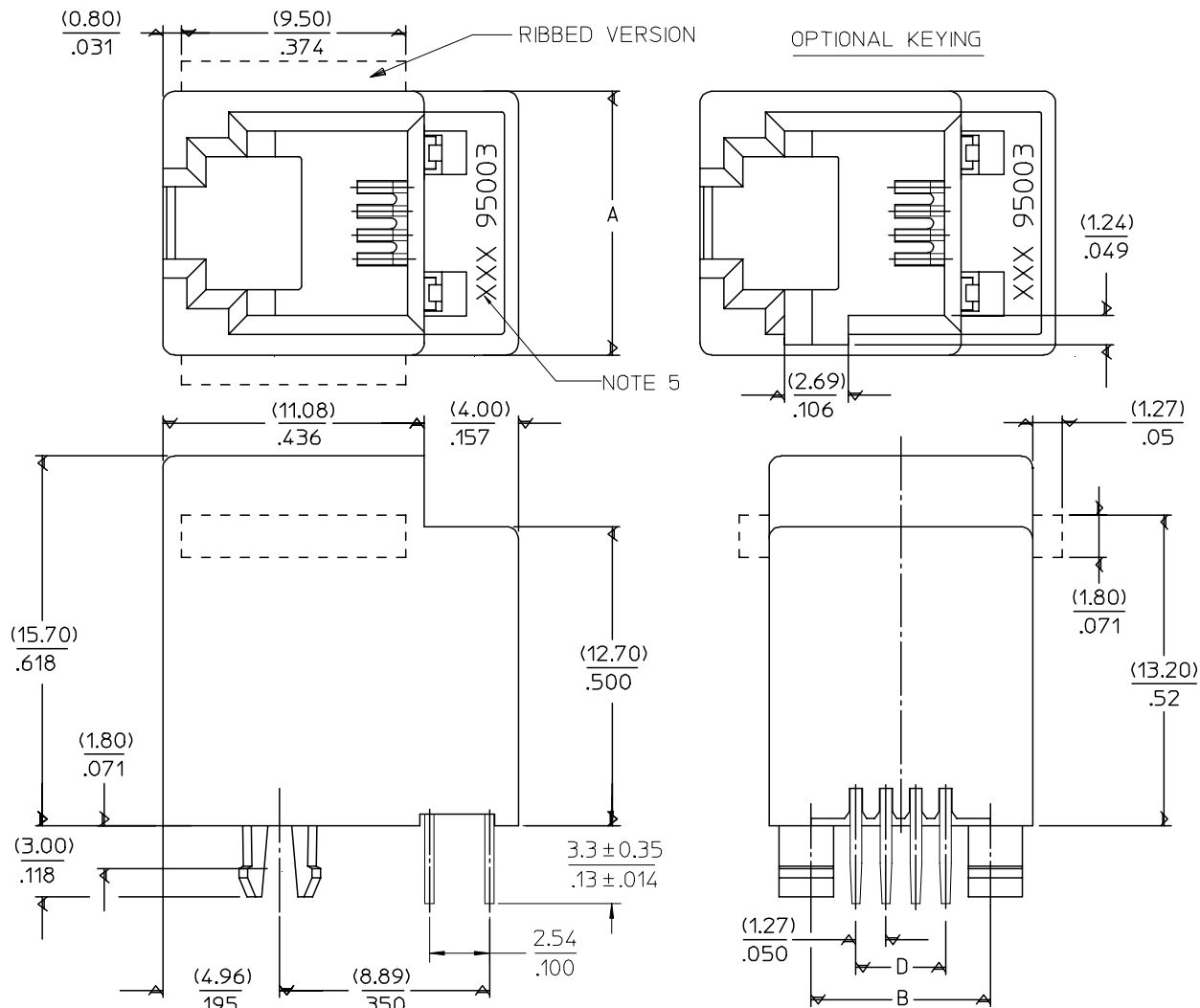
- STANDARD PACKAGING SHEET 1.
- TUBE PACKAGING FOR SMT VERSION SHEET 2.
- TUBE PACKAGING FOR THROUGH HOLE VERSION
SHEET 3.

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

TYPE	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



ADDED TABLE EC NO: E2008-0267 DRWN:DBYRNES CHKD: APPR:EOMAHONY	2007/11/27 2007/11/28 2007/11/28	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE LOW PROFILE TOP ENTRY JACK (THROUGH HOLE VERSION) MOLEX INCORPORATED			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY DATE	DOCUMENT NO.				SHEET NO.		
					4 PLACES	± ---	± ---	TMARTIN	2005/06/15			SD-95503-003		1 OF 5
					3 PLACES	± ---	± .006	CHECKED BY	DATE					
					2 PLACES	± 0.15	± .010	FCARABETTA	2005/06/15					
		1 PLACE	± 0.25	± ---	APPROVED BY	DATE	MOLEX INCORPORATED							
		ANGULAR ± .5 °		KNOLLER		2005/06/15								
				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								

NOTES :

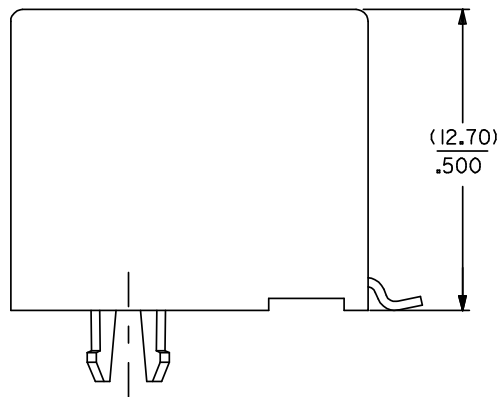
1- MATERIAL:

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

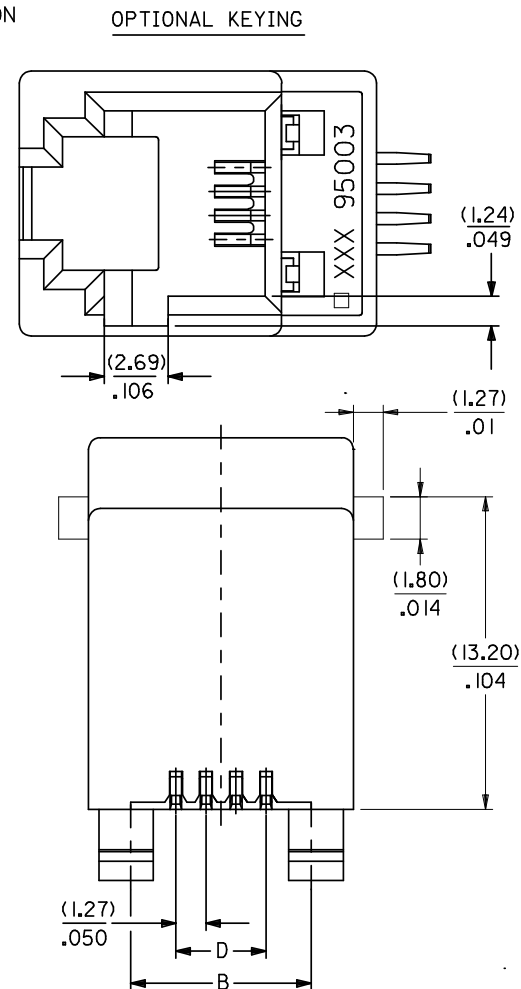
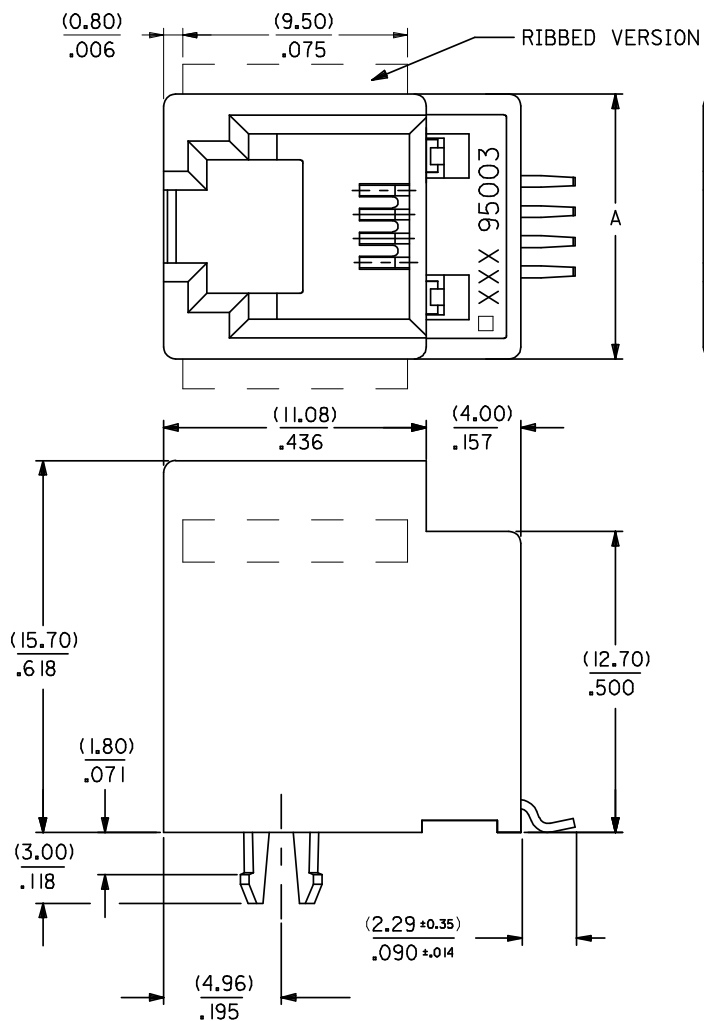
2- APPLICATION SPECIFICATION: AS-85513-001 (SMT)

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. EC NO: E2008-0585 2008/04/21 DRW:BYRNES 2008/04/22 CHKD: 2008/04/22 APPR:EDMAHONY 2008/04/22 REV	QUALITY SYMBOLS
	▽=0 ▽=0
	DESCRIPTION

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 INCORPORATED		
DOCUMENT NO. SD-95503-003		
SHEET NO. 2 OF 5		
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F

E

D

E

A



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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