

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

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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.

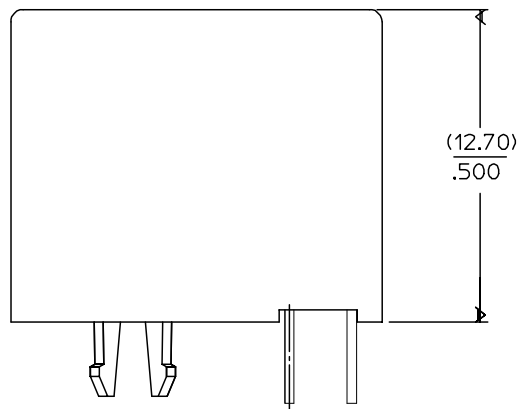
3- PRODUCT SPECIFICATION PS-95503-001

4- PACKAGING SPECIFICATION PK-95003:

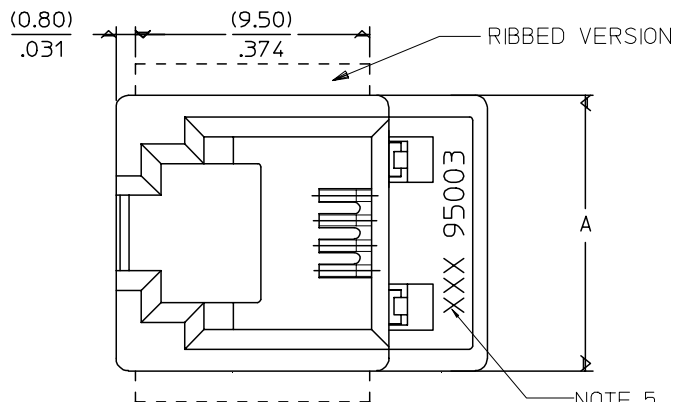
- STANDARD PACKAGING SHEET 1.
- TUBE PACKAGING FOR SMT VERSION SHEET 2.
- TUBE PACKAGING FOR THROUGH HOLE VERSION
SHEET 3.

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

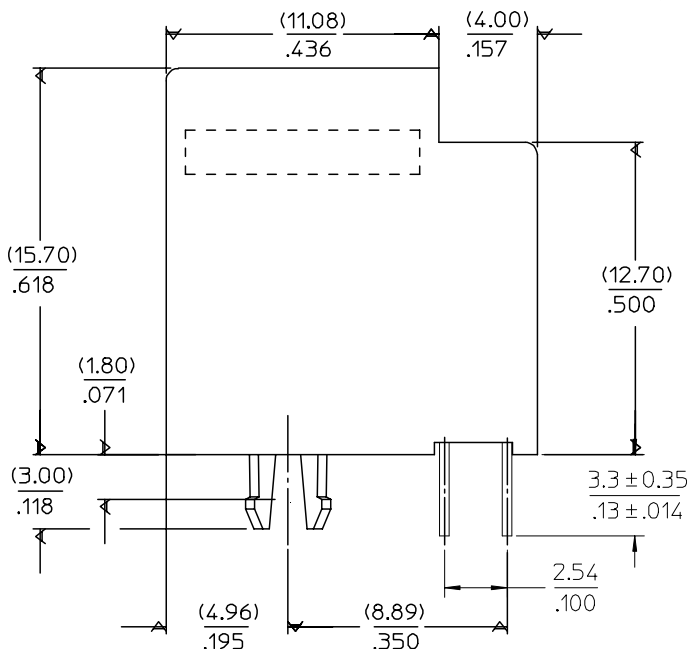
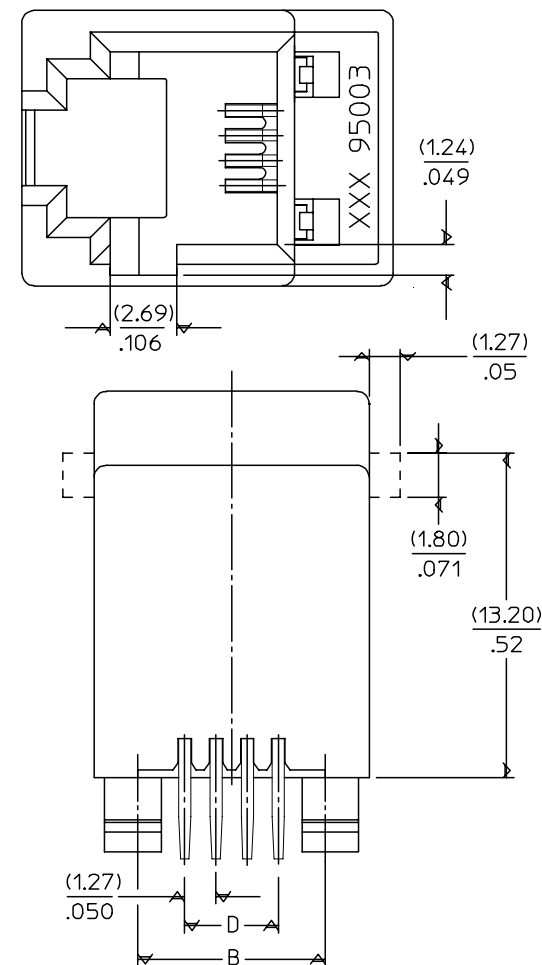
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350



SHORT VERSION



OPTIONAL KEYING



ADDED TABLE	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	SHEET NO.
			MM	INCH					
EC NO: E2008-0267 DRWN:DBYRNES CHKD: APPR:EOMAHONY	2007/11/27 2007/11/28 2007/11/28	4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.15 1 PLACE ± 0.25 ANGULAR ± .5 °	± --- ± --- ± 0.15 ± 0.25 ± .5 °	± --- ± .006 ± .010 ± --- ± .5 °	DRAWN BY TMARTIN CHECKED BY FCARABETTA APPROVED BY KNOLLER	DATE 2005/06/15 2005/06/15 2005/06/15	MATERIAL NO. SD-95503-003	DOCUMENT NO. SD-95503-003	1 OF 5

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SEE SHT 4.5

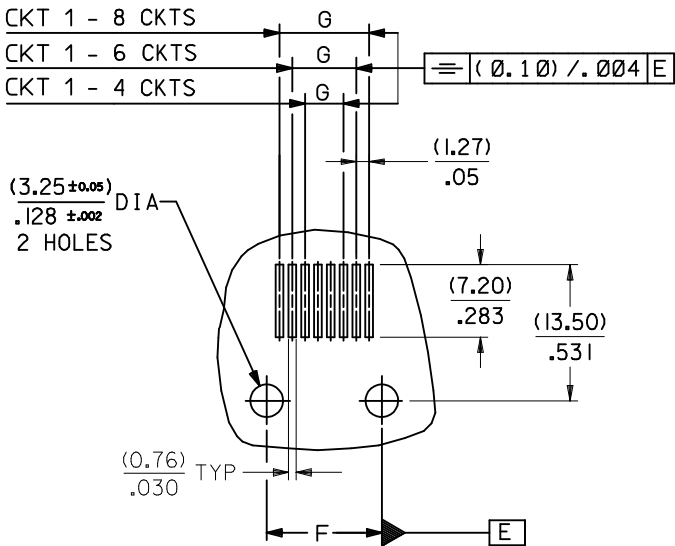
SD-95503-003

1 OF 5

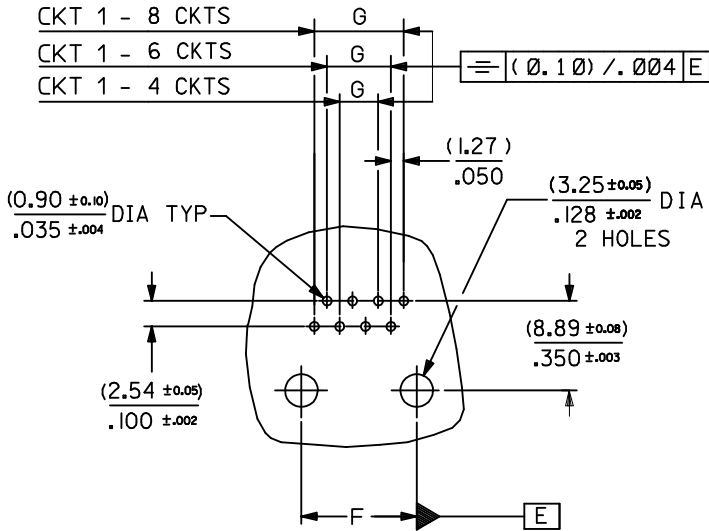
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
F $(\pm 0.05)/\pm .002$	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
G $(\pm 0.05)/\pm .002$	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

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

FOR SMT JACK (SURFACE MOUNT)



FOR STANDARD JACK (THROUGH HOLE)



ADDED FOR INDICATION EC NO: E2010-0075 DRWN: DBYRNES CHKD: APPR: J WALLACE REV D		2009/08/13 2009/08/19 2009/08/19		QUALITY SYMBOLS ▽=0 ◻=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
						DRAWN BY DATE		TITLE LOW PROFILE T/E JACK							
						CHECKED BY DATE									
						APPROVED BY DATE		MOLEX MOLEX INCORPORATED							
		KNOLLER 2005/06/15		DOCUMENT NO. SD-95503-003											
										SHEET NO. 3 OF 5					
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

TRAY PACKAGING,SEE PACKAGING SPEC PK95003 SHEET 1

PART NO FOR JACK ASSEMBLY THROUGH HOLE STANDARD VERSION							PART NO FOR JACK ASSEMBLY THROUGH HOLE SHORT VERSION								
HOUSING SIZE	LOADED CONTACTS	PLATING	LCP FIBER GLASS FILLED 94V0 COLOR BLACK						LCP FIBER GLASS FILLED 94V0 COLOR BLACK						
			NO KEY	TOOLED	KEY	TOOLED		TOOLED	NO KEY	TOOLED	KEY	TOOLED		TOOLED	
			NO RIB		NO RIB				NO RIB						
4	4	2	95503-244I	X											
6	4	2	95503-264I	X											
6	6	2	95503-266I	X											
8	8	2	95503-288I	X	95503-2882	X				95503-2884	X				

TOOLED	X
NOT TOOLED	

CORRECTED PART # EC NO: E2007-0482 DRWN:DBYRNES CHKD: APPR:EOMAHONY	2007/01/08 2007/01/08 2007/01/09	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
						DRAWN BY DATE		TITLE				
				4 PLACES ± --- ± ---		TMARTIN 2005/06/16		LOW PROFILE T/E JACK THROUGH HOLE VERS.				
				3 PLACES ± --- ± ---		CHECKED BY DATE						
				2 PLACES ± --- ± ---		FCARABETTA 2005/06/16						
				1 PLACE ± --- ± ---		APPROVED BY DATE		MOLEX MOLEX INCORPORATED				
				ANGULAR ± ---°		KNOLLER 2005/06/16						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
				SEE CHART		SD-95503-003		4 OF 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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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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