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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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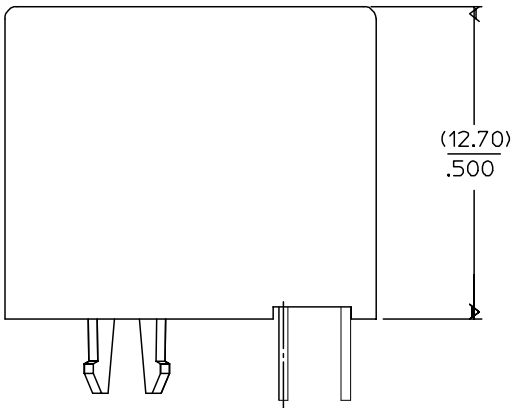
1- MATERIAL:

- PLATING 7: ONLY ON REQUEST

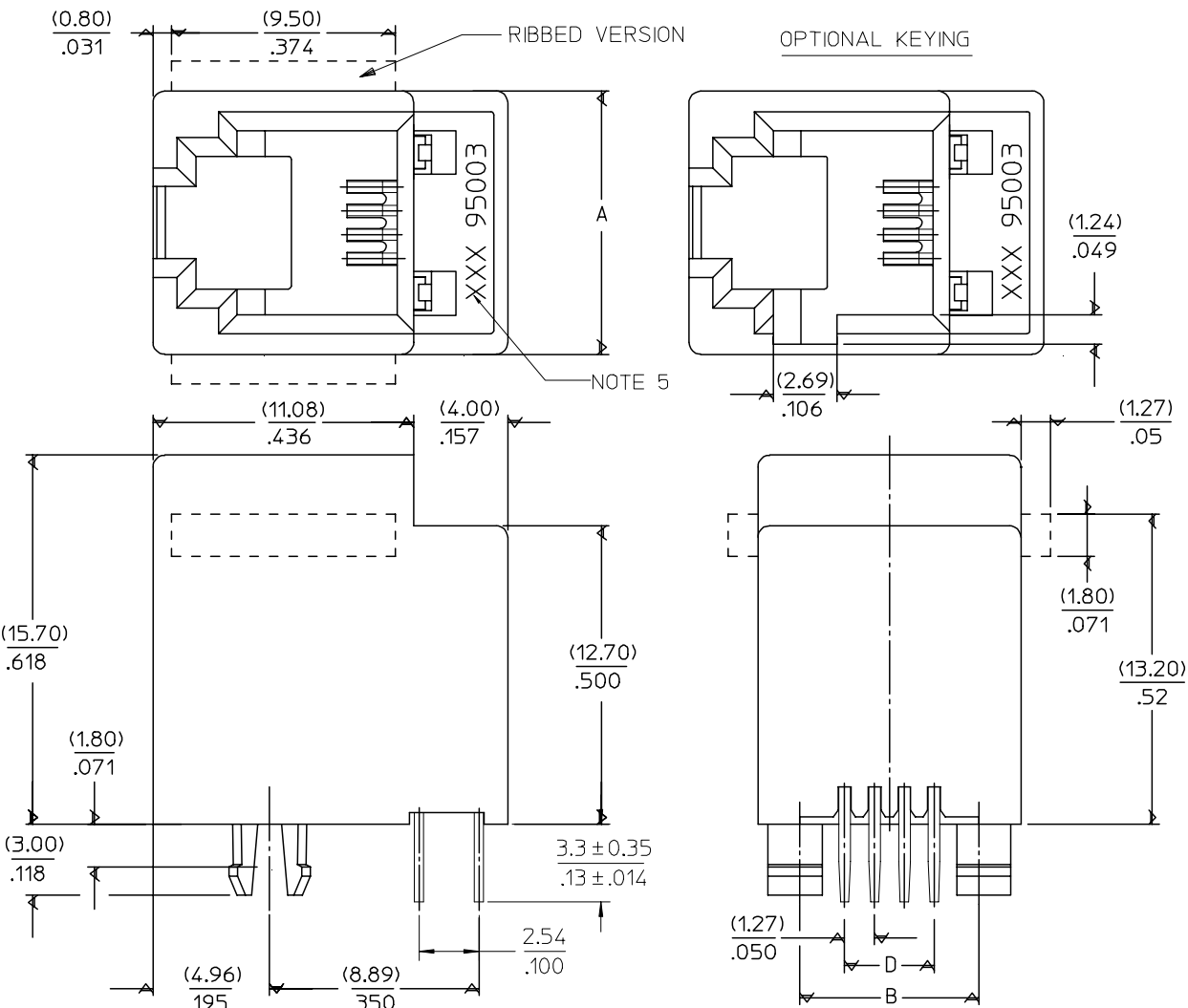
POST PLATE 0.00005/.000002 MIN GOLD OVER 0.000763
.000030 MIN PALLADIUM NICKEL IN CONTACT AREA.
0.00190/.000075 MIN PURE TIN IN TAIL AREA. BOTH
OVER 0.00127/.000050 MIN NICKEL OVERALL:

- 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 MXI.

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

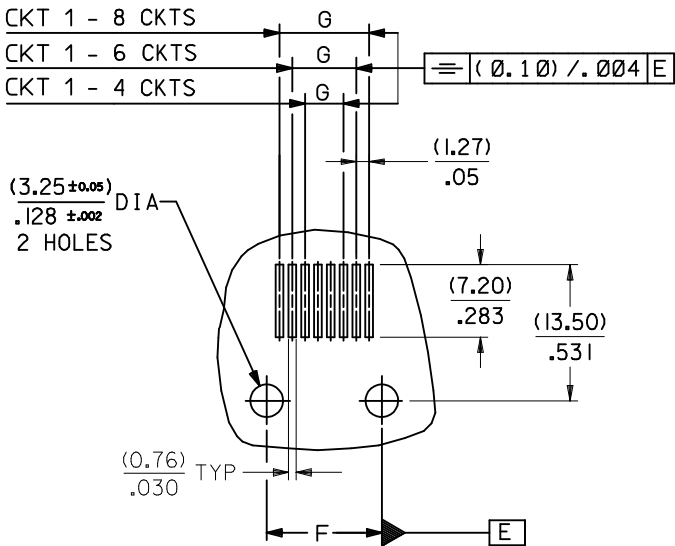


ADDED TABLE			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: E2008-0267			▼=0				MM/IN		5:1		METRIC			
2007/11/27			▽=0				DRAWN BY		DATE		TITLE			
DRWN:DBYRNES							TMARTIN		2005/06/15		LOW PROFILE			
2007/11/28							CHECKED BY		DATE		TOP ENTRY JACK			
CHKD:							FCARABETTA		2005/06/15		(THROUGH HOLE VERSION)			
2007/11/28							APPROVED BY		DATE		MOLEX		MOLEX INCORPORATED	
APPR:EOWAHONY							KNOLLER		2005/06/15		DOCUMENT NO.		SHEET NO.	
							MATERIAL NO.				SD-95503-003		1 OF 5	
							SEE SHT 4,5				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
							SIZE							
							A3							

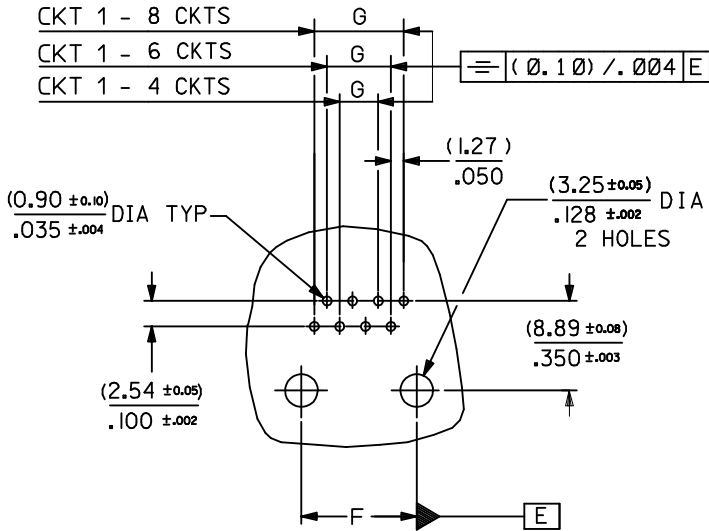
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
F $(\pm 0.05)/\pm .002$	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
G $(\pm 0.05)/\pm .002$	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

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

FOR SMT JACK (SURFACE MOUNT)



FOR STANDARD JACK (THROUGH HOLE)



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

	10	9	8	7	6	5	4	3	2	1		
F	TRAY PACKAGING,SEE PACKAGING SPEC PK95003 SHEET 1										F	
E											E	
D											D	
C											C	
B											B	
A											A	
	10	9	8	7	6	5	4	3	2	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	
NO RIB		TOOLED	NO RIB		TOOLED			TOOLED	NO RIB		TOOLED	NO RIB		TOOLED			TOOLED		
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 # s	EC NO: E2007-0482 2007/01/08 DRAWN:DBYRNES 2007/01/08 CHKD: 2007/01/09 APPR:EOMAHONY	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				DRAWN BY DATE TMARTIN 2005/06/16		TITLE LOW PROFILE T/E JACK THROUGH HOLE VERS.					
				CHECKED BY DATE FCARABETTA 2005/06/16							
				APPROVED BY DATE KNOLLER 2005/06/16							
				MATERIAL NO.		DOCUMENT NO.					
				SEE CHART		SD-95503-003					
				SIZE A3		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										9	8	7	6	5	4	3	2	1
---	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---

TRAY PACKAGING,SEE PACKAGING SPEC PK95003 SHEET 1

HOUSING SIZE	LOADED CONTACTS	PLATING	PART NO FOR JACK ASSEMBLY THROUGH HOLE STANDARD VERSION						PART NO FOR JACK ASSEMBLY THROUGH HOLE SHORT VERSION					
			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	TOOLED	NO RIB	TOOLED		TOOLED	NO RIB	TOOLED	NO RIB	TOOLED		TOOLED
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 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
					mm	INCH	DRAWN BY TMARTIN	DATE 2005/06/16	TITLE LOW PROFILE T/E JACK THROUGH HOLE VERS.						
				4 PLACES	± ---	± ---	CHECKED BY	DATE							
				3 PLACES	± ---	± ---	FCARABETTA	2005/06/16							
				2 PLACES	± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED						
				1 PLACE	± ---	± ---	KNOLLER	2005/06/16							
				ANGULAR ± ---°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		SEE CHART		SD-95503-003		4 OF 5						
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Электрон
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