

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955032441

Status:

Active

Overview:

modular_plugs_jacks

Description:

4/4 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

RJ11

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

4/4

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

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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.

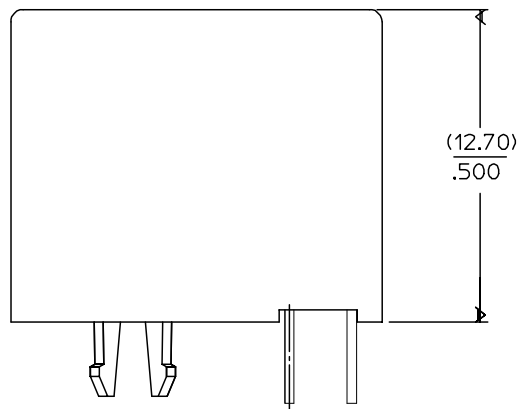
3- PRODUCT SPECIFICATION PS-95503-001

4- PACKAGING SPECIFICATION PK-95003:

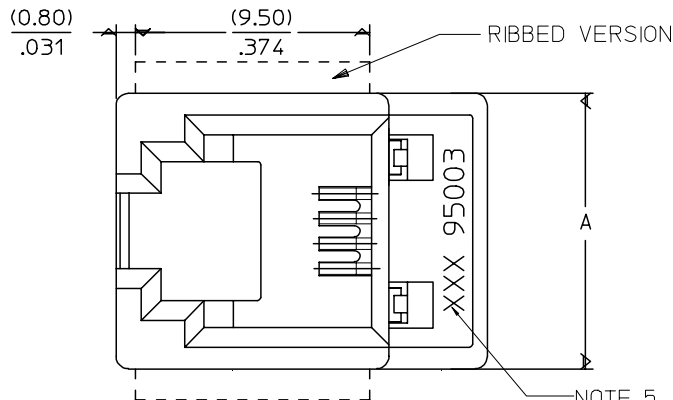
- STANDARD PACKAGING SHEET 1.
- TUBE PACKAGING FOR SMT VERSION SHEET 2.
- TUBE PACKAGING FOR THROUGH HOLE VERSION
SHEET 3.

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

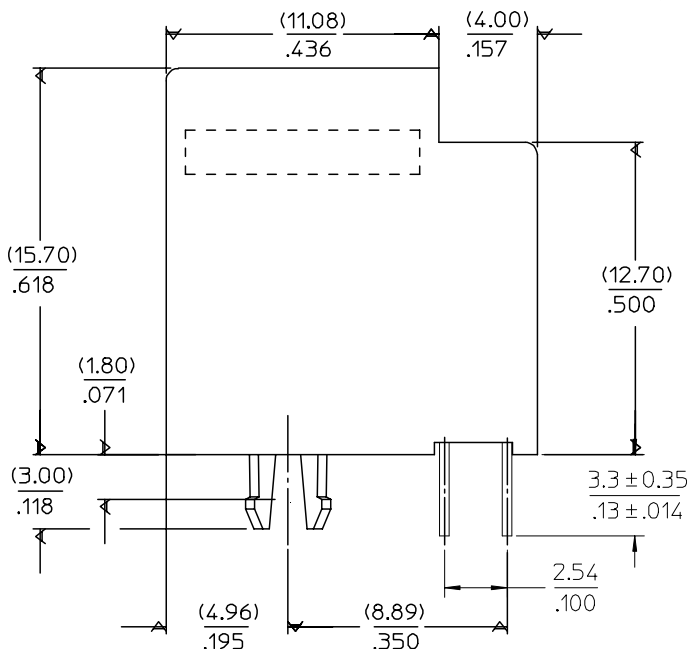
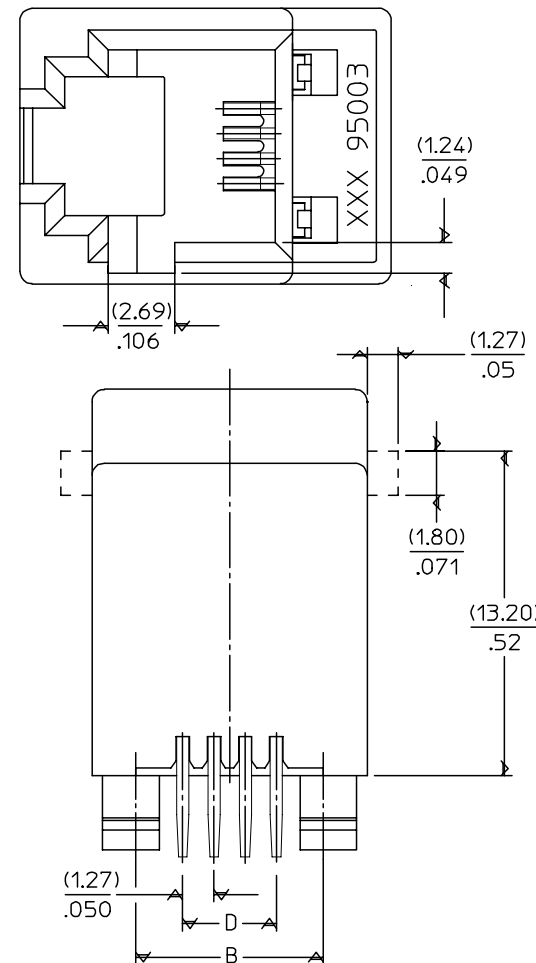
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350



SHORT VERSION



OPTIONAL KEYING



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

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	

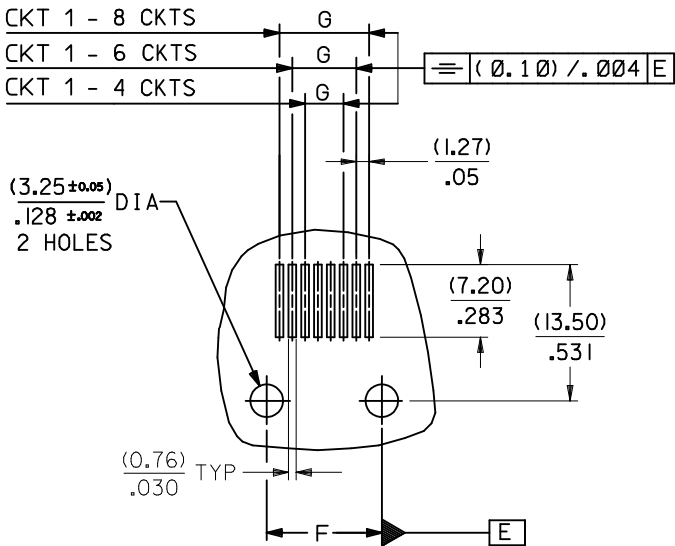
DIMENSION STYLE	
MM	IN
DRAWN BY	DATE
TMARTIN	2005/06/15
CHECKED BY	DATE
FCARABETTA	2005/06/15
APPROVED BY	DATE
KNOLLER	2005/06/15
MATERIAL NO.	
SEE SHT 4.5	
SIZE A3	

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			

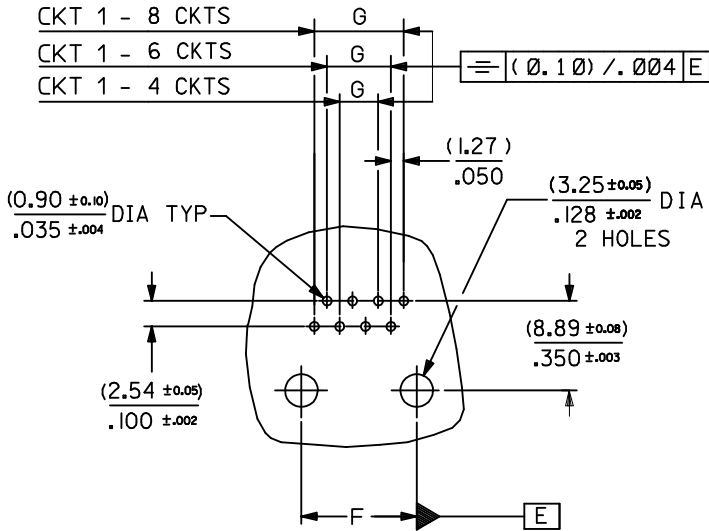
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
F $(\pm 0.05)/\pm .002$	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
G $(\pm 0.05)/\pm .002$	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

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 ◻=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		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		SIZE								
8	2009/08/13		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		A3								
9	2009/08/19												
10	2009/08/19												

10987654321

F

E

D

C

B

A

10987654321

TRAY PACKAGING,SEE PACKAGING SPEC PK95003 SHEET 1

HOUSING SIZE

LOADED CONTACTS

PLATING

442

642

662

882

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

▽C=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.

SEE CHART

SD-95503-003

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

LOW PROFILE T/E JACK
THROUGH HOLE VERS.

MOLEX INCORPORATED

SD-95503-003

SHEET NO.

4 OF 5

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