

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955032441

Status:

Active

Overview:

Magnetic and Modular Jacks and Plugs

Description:

Modular Jack, Vertical, Top Entry, Through Hole, 4/4, No Key Version, Tray

Documents:

- 3D Model

Test Summary STR-1181-001 (PDF)
- Drawing (PDF)

Test Summary STR-1429-001 (PDF)
- Product Specification PS-95503-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-85513-001-001 (PDF)

Product Literature (PDF)

Agency Certification

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

95503

Comments

Reflow Capable

Component Type

PCB Jack

Magnetic

No

Overview

Magnetic and Modular Jacks and Plugs

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Literature Order No

987650-8441

Product Name

Modular Jack 4/4

UPC

800756803395

Physical

Boot Color

N/A

Color - Resin

Black

Durability (mating cycles max)

2500

Flammability

94V-0

Inverted / Top Latch

No

Jack Height

15.70mm

Keying to Mating Part

None

Lightpipes/LEDs

None

Material - Metal

Copper Alloy

Material - Plating Mating

Gold over Palladium Nickel

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.942/g

Orientation

Vertical (Top Entry)

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.57mm

Packaging Type

Tray

Pitch - Mating Interface

1.02mm

Pitch - Termination Interface

1.27mm

Plating min - Mating

0.051µm, 1.016µm

Plating min - Termination

1.905µm

Ports

1

Positions / Loaded Contacts

4/4

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

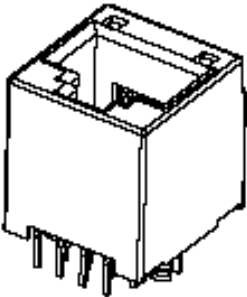
Through Hole

Waterproof / Dustproof

No

Wire/Cable Type

N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Relevant

Search Parts in this Series

95503 Series

Mates With

90075 Modular Plug

Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	125V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-85513-001-001
Product Specification	PS-95503-001-001
Sales Drawing	SD-95503-003
Test Summary	STR-1181-001, STR-1429-001

This document was generated on 07/06/2017

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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:

- STANDARD PACKAGING PK-95003 SHEET 1.

- TUBE PACKAGING FOR SMT VERSION PK-95003 SHEET 2.

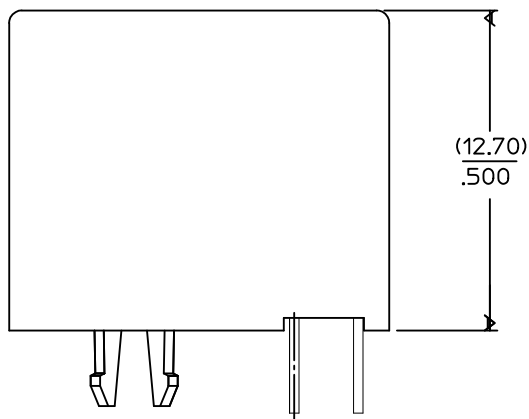
- TUBE PACKAGING FOR THROUGH HOLE VERSION

PK-95003 SHEET 3.

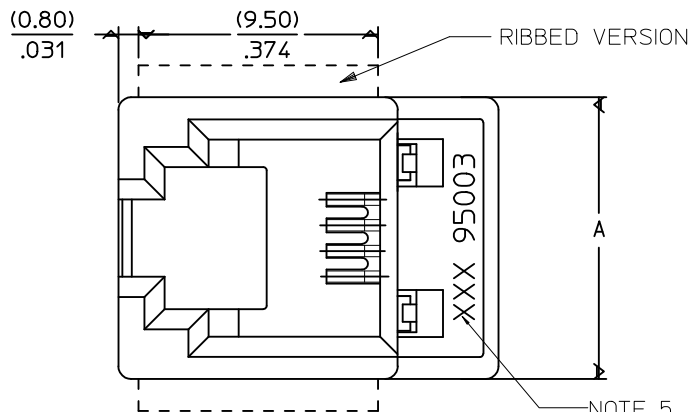
- TAPE AND REEL PACKAGING FOR THROUGH HOLE PK-95503-001.

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

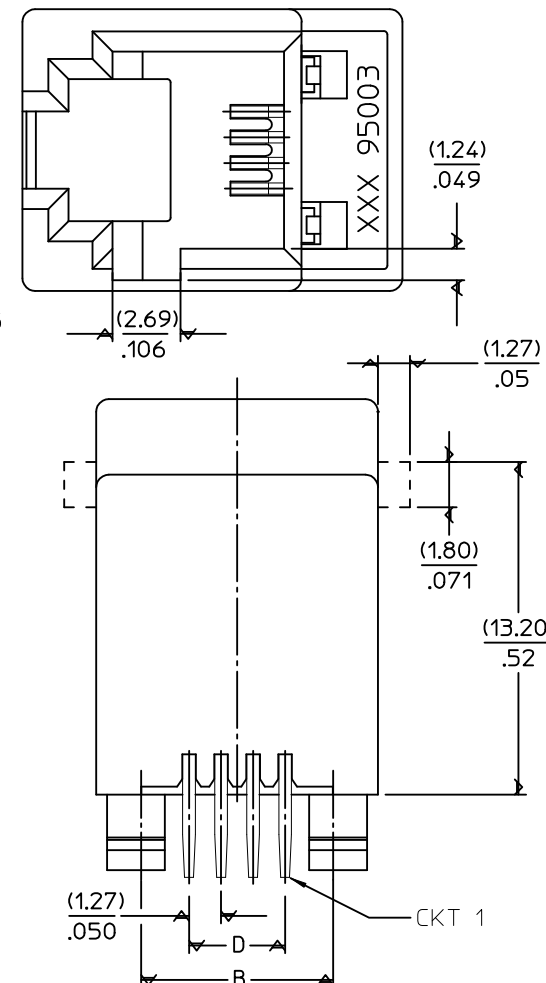
TYPE	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
DIM.				
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350



SHORT VERSION



OPTIONAL KEYING



ADDED PACKAGING OPTION EC NO: E2011-0347	2011/02/07 DRAWN BY CH/KD-SHEA 2011/04/06 CHK'D-BYRYES 2011/05/14 APPR:EFOLAN	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						mm	INCH	DRAWN BY TMARTIN	DATE 2005/06/15	TITLE LOW PROFILE TOP ENTRY JACK (THROUGH HOLE VERSION) MOLEX INCORPORATED		
					4 PLACES	± ---	± ---	CHECKED BY FCARABETTA	DATE 2005/06/15			
					3 PLACES	± ---	± .006	APPROVED BY KNOLLER	DATE 2005/06/15			
					2 PLACES	± 0.15	± .010	MATERIAL NO. SEE SHT 4,5				DOCUMENT NO. SD-95503-003
					1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

F

E

D

C

B

A

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		

TRAY PACKAGING
SEE PACKAGING SPEC PK-95003 SHEET 1

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
95503-2440	X				
95503-2640					
95503-2660					
95503-2880	X				

TAPE AND REEL PACKAGING
SEE PACKAGING SPEC PK-95503-001

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				

TRAY PACKAGING
SEE PACKAGING SPEC PK-95003 SHEET 1

TOOLED	X
NOT TOOLED	

ADDED PACKAGING OPTION
EC NO: E2011-0347
DRW:DSHEA 2011/02/08
CHKD:BYRNES 2011/04/06
APPR:EFOLAN 2011/05/14

QUALITY SYMBOLS
=0
=0

DESCRIPTION
REV

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
TMARTIN 2005/06/16
CHECKED BY DATE
FCARABETTA 2005/06/16
APPROVED BY DATE
KNOLLER 2005/06/16
MATERIAL NO.
SEE CHART

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

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