

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0855115002

Status:

Active

Overview:

modular_plugs_jacks

Description:

Modular Jack, Vertical, 8/8, Cat5E, Special Version

Documents:

3D Model

Drawing (PDF)

Product Specification PS-85505 (PDF)

Product Specification PS-95003 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Series

Comments

Component Type

Magnetic

Overview

Performance Category

Power over Ethernet (PoE)

Product Name

Modular Jacks/Plugs

85511

Small Panel Cutout|Snap Pegs

PCB Jack

No

modular_plugs_jacks

5e

N/A

RJ45

Physical

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

Wire/Cable Type

Black

1,000

94V-0

No

None

Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

Vertical (Top Entry)

Yes

Yes

0.062 In

1.60 mm

Tray

0.050 In

1.27 mm

0.050 In

1.27 mm

1.27

50

1.27

75

1

8/8

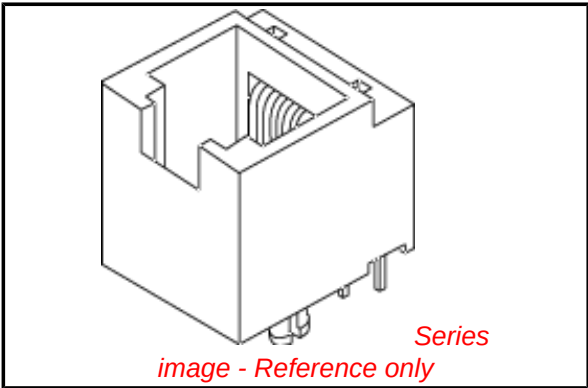
No

-40°C to +80°C

Through Hole

N/A

Electrical



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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
85511Series

Mates With
FCC 68 Plugs

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-95003
Product Specification	PS-85505, PS-95003
Sales Drawing	SD-85511-502

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: PHOSPHOR BRONZE.

PLATING :

POST PLATE 0.00127-0.00152/.000050-.000060 GOLD IN
CONTACT AREA .000190/.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 AND PS-85505-001 (SECTION 5.2)

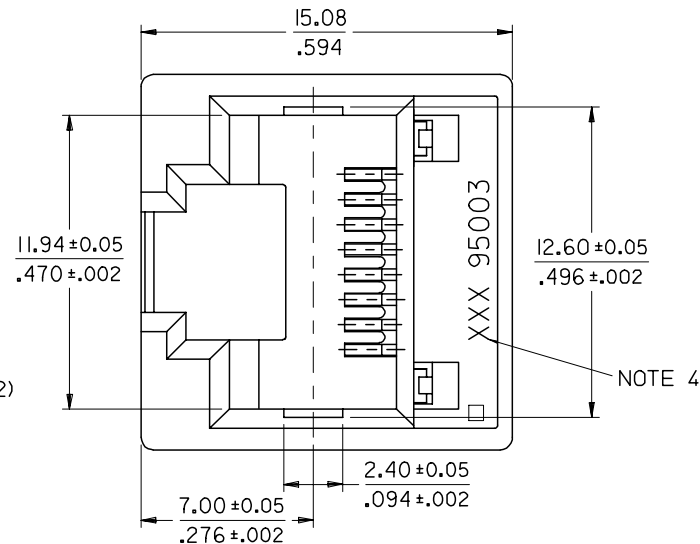
4- MANUFACTURING I.D. CAN BE MG, MXF OR MXI.

5- PACKAGING SPECIFICATION PK-95003: SHEET 1 (TRAY PACKAGING)

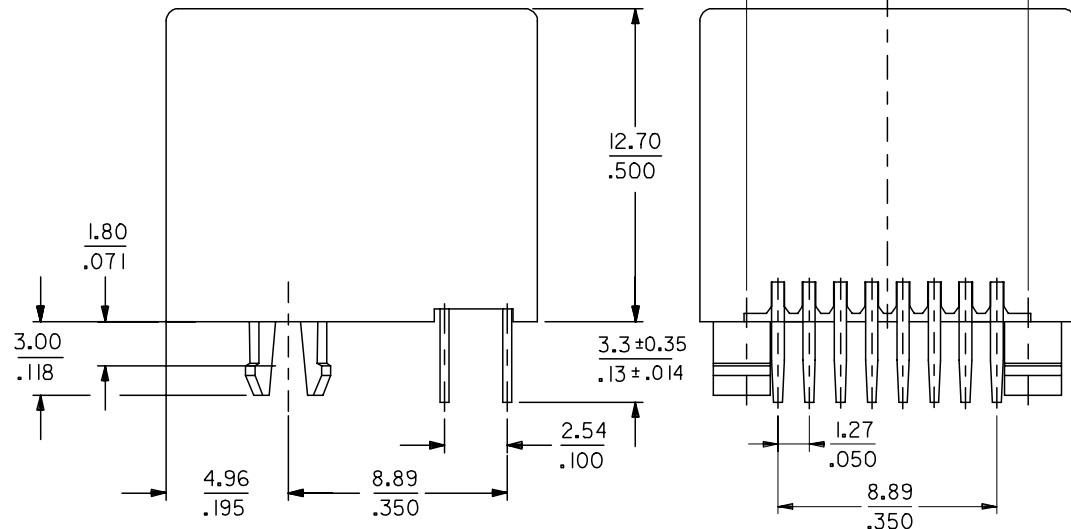
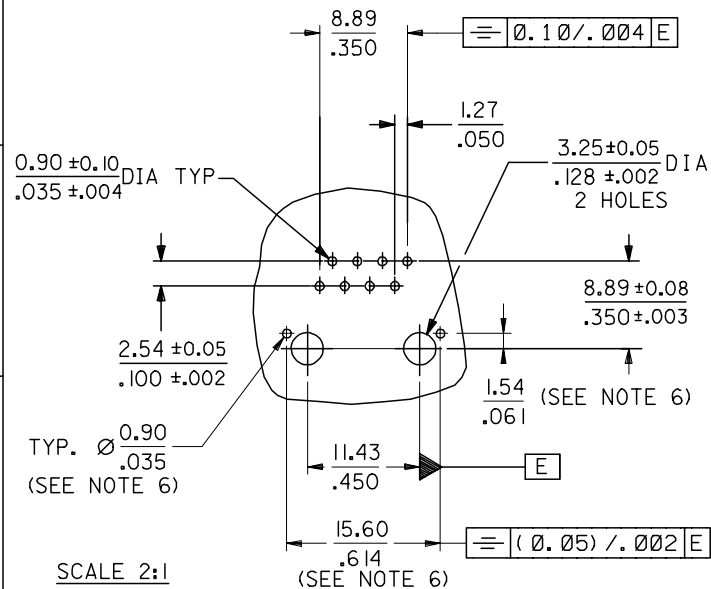
6- THESE 3 DIMENSIONS ARE ONLY ADVISED AND
DEPEND ON THE SHIELD TO BE ADDED.

7- EXCEEDS CATEGORY 5E PERFORMANCE.

8- APPLICATION SPECIFICATION: AS-85513-001



P.C.B. MOUNTING PATTERN (see from component side)



ORIGINAL LCP EC NO: E2007-0837 DRAWN:DBYRNES CHKD: APPR:DBYRNES	2007/04/02 2007/04/02 2007/04/04	DESCRIPTION	QUALITY SYMBOLS ▽ = ▽ =	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 					
						DRAWN BY DATE		TITLE SHORT TOP ENTRY HIGH SPEED JACK 8/8 (SPECIAL VERSION)							
						CHECKED BY DATE									
						APPROVED BY DATE									
				1 PLACES ±0.15 ±.010		ER		00/04/14		MOLEX INCORPORATED					
				1 PLACE ±0.25 ±---		FB		00/04/14							
				ANGULAR ±1/2°											
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 85511-5002		DOCUMENT NO. SD-85511-502					SHEET NO. 1 OF 1		
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							