

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0955222647

Status:

Active

Overview:

modular_plugs_jacks

Description:

HIPRO TE 6/4 JACK

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

95522

Component Type

PCB Jack

Magnetic

No

Overview

modular_plugs_jacks

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Name

RJ11

Physical

Boot Color

N/A

Color - Resin

Black

Durability (mating cycles max)

1,000

Flammability

94V-0

Inverted / Top Latch

No

Lightpipes/LEDs

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Orientation

Vertical (Top Entry)

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.57 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.040 In

Pitch - Mating Interface (mm)

1.02 mm

Pitch - Term. Interface (in)

0.050 In

Pitch - Term. Interface (mm)

1.27 mm

Plating min: Mating (µin)

50.8

Plating min: Mating (µm)

1.27

Plating min: Termination (µin)

76

Plating min: Termination (µm)

1.9

Ports

1

Positions / Loaded Contacts

6/4

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +80°C

Termination Interface: Style

Through Hole

Waterproof / Dustproof

No

Wire/Cable Type

N/A

Electrical

Series

image - Reference only

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

95522Series

Mates With

FCC 68 Plugs

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-95022
Sales Drawing	SD-95522-001

This document was generated on 06/07/2010

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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

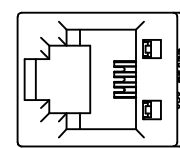
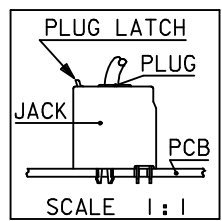
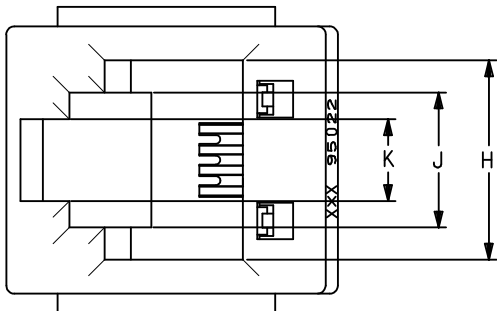
E

D

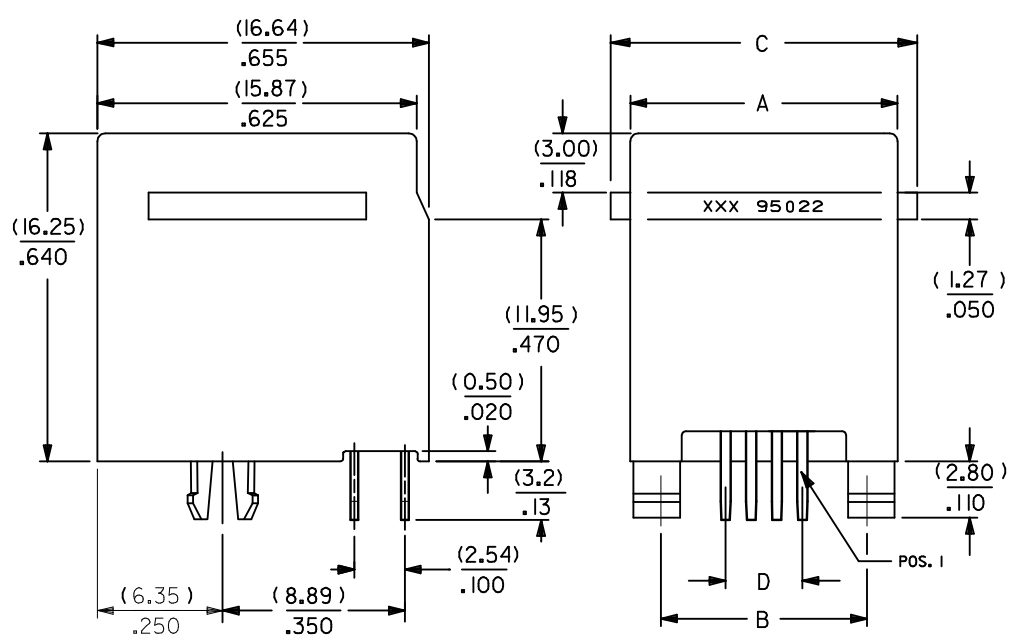
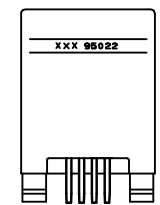
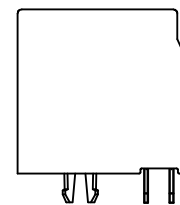
C

B

A



VERSION WITHOUT RIBS



NOTES :

1- MATERIAL:

-HOUSING: LCP FIBER GLASS FILLED 94-V-0
COLOR BLACK.

-TERMINAL: BRASS

FINISH 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.

2- PC BOARD THICKNESS : (1.57) / .062 .

3- JACK FOR MATING WITH F.C.C. 68 PLUGS 90075 MOLEX SERIES .

4- PRODUCT SPECIFICATION PS-95522-001.

5- APPLICATION SPECIFICATION AS-85513-001

6- PACKAGING SPECIFICATION PK-95022. (SHT.1 TRAY PACKAGING)

PK-95022. (SHT.2 TUBE PACKAGING)

7- FOR ILLUSTRATION PURPOSES A 4 CIRCUIT IS SHOWN.

8- PACKAGING SPECIFICATION RPK-95022-001 (TUBE PACKAGING).

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

ADDED PART No.
EC NO: E2009-0420
DRAWN: DBYRNES
CHKD:
APPR: WALLACE
REV

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± .014
1 PLACE ± 0.35 ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN
DRAWN BY
KNOLLER
DATE
04/08/27
CHECKED BY
FCARABET
DATE
04/08/30
APPROVED BY
KNOLLER
DATE
04/08/30
MATERIAL NO.
SEE CHART SHT. 2
SIZE
A3

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
HIGH PROFILE
TOP ENTRY JACK
MOLEX INCORPORATED
DOCUMENT NO.
SD-95522-001
SHEET NO.
1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
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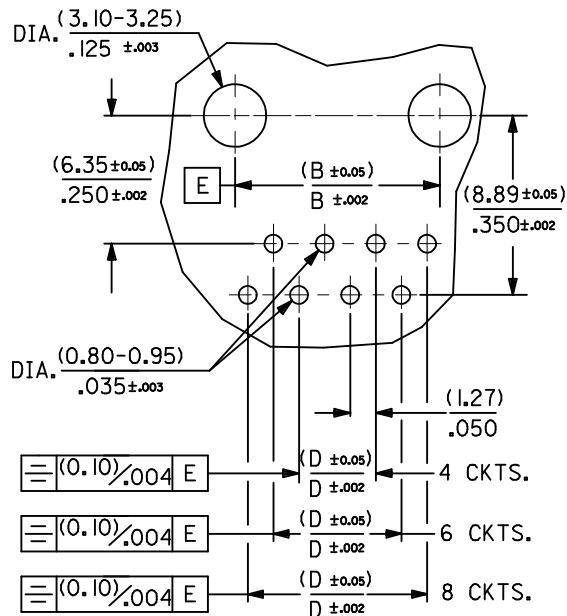
9 8 7 6 5 4 3 2 1

PART NUMBERS FOR JACK WITH RIBS

TYPE PLAT'G	PACKA- GING	POS. 4	POS. 6	POS. 6	POS. 8
		4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
FINISH 2	TRAY	95522-2447	X 95522-2647	X 95522-2667	X 95522-2887
	TUBE			95522-2617 SEE NOTE 8 SH.1	

PART NUMBERS FOR JACK WITHOUT RIBS

TYPE PLAT'G	PACKA- GING	POS. 4	POS. 6	POS. 6	POS. 8
		4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
FINISH 2	TRAY	95522-2441	X 95522-2641	X 95522-2661	X 95522-2881
	TUBE			95522-2611	



MOUNTING HOLE PATTERNS
(SEE FROM COMPONENT SIDE)

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
C (WITH RIBS)	(14.00) / .551	(16.00) / .630	(16.00) / .630	(18.00) / .709
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350
H	(7.82) / .308	(9.88) / .389	(9.88) / .389	(11.94) / .470
J	(5.64) / .222	(6.70) / .264	(6.70) / .264	(6.30) / .248
K	(3.07) / .121	(4.06) / .160	(4.06) / .160	(4.06) / .160

ADDED 95522-2611 EC NO: E2009-0420 DRWN:DBYRNES CHKD: APPR: J WALLACE 2009/03/02 2009/03/06 2009/03/09	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY KNOLLER	DATE 04/08/27	TITLE HIGH PROFILE TOP ENTRY JACK			
				CHECKED BY FCARABET	DATE 04/08/30	MOLEX INCORPORATED			
				APPROVED BY KNOLLER	DATE 04/08/30	DOCUMENT NO. SD-95522-001			
REV	DESCRIPTION	ANGULAR ± 2 °		MATERIAL NO.		SHEET NO. 2 OF 3		A	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			