This document was generated on 06/07/2010

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Part Number: 0955222887
Status: Active
Overview: modular_plugs_jacks
Description: HIPRO TE 8/8 JACK

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

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	RJ45

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	8/8
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

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

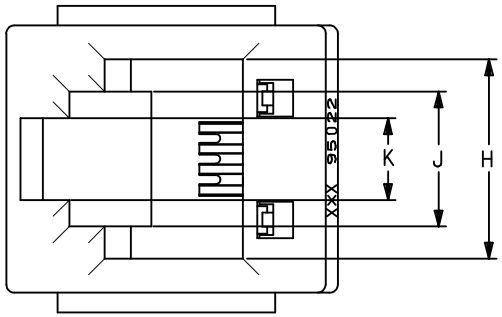
Material Info

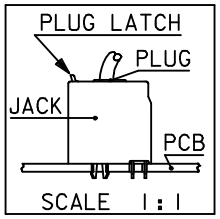
Reference - Drawing Numbers

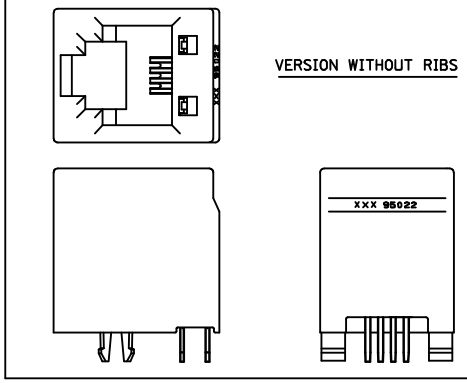
Packaging Specification	PK-95022
Sales Drawing	SD-95522-001

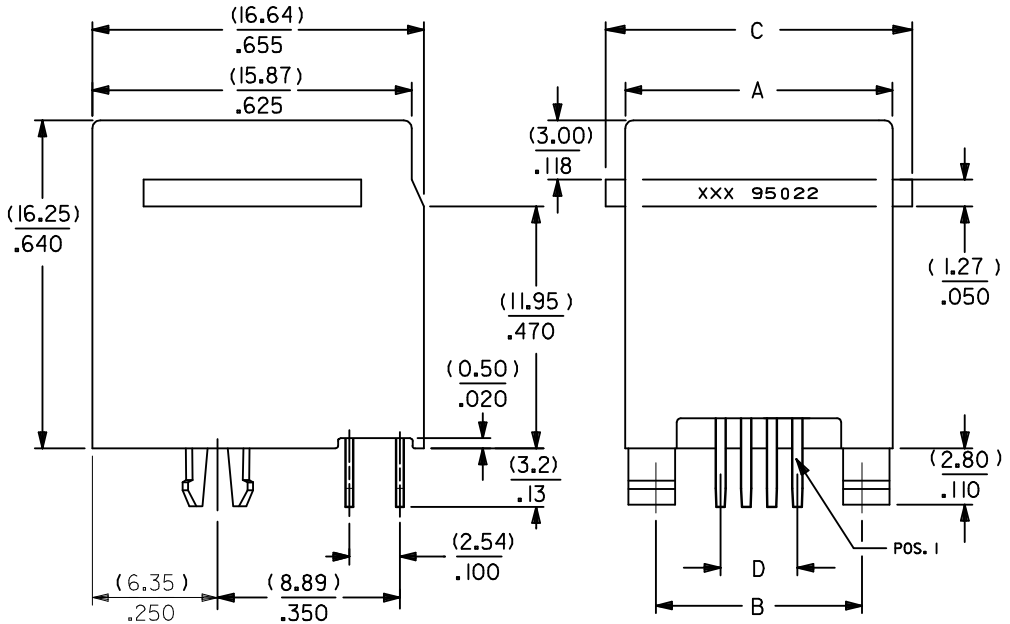
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NOTES :

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 2009/03/02
DRWN:DBYRNES 2009/03/06
CH'KD:
APPR: JWALLACE 2009/03/09
DESCRIPTION
D
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
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

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

TITLE: HIGH PROFILE TOP ENTRY JACK

MOLEX INCORPORATED

DOCUMENT NO.: SD-95522-001
SHEET NO.: 1 OF 3

SIZE A3

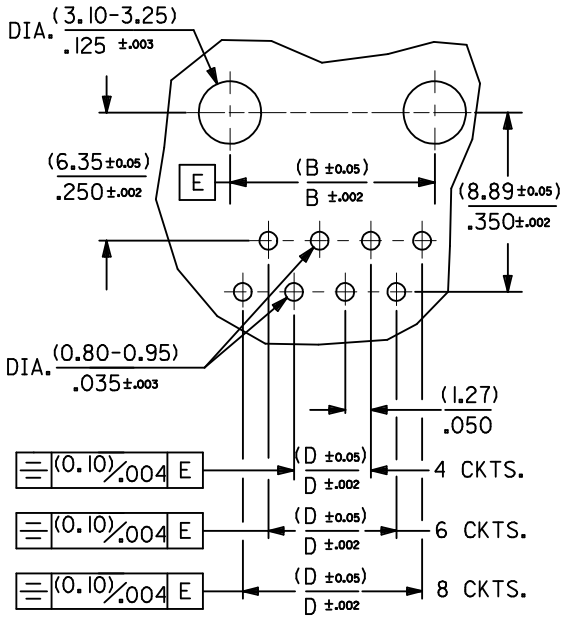
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PART NUMBERS FOR JACK WITH RIBS

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

PART NUMBERS FOR JACK WITHOUT RIBS

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



MOUNTING HOLE PATTERNS
(SEE FROM COMPONENT SIDE)

DIM. / TYPE	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
C				
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 2009/03/02
EC NO: E2009-0420 2009/03/06
DRWN:DBYRNES CH'KD: APPR: JWALLACE 2009/03/09
REV DESCRIPTION

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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3 PLACES	± ---	± .010
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ANGULAR ± 2 °		

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TITLE: HIGH PROFILE TOP ENTRY JACK

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-95522-001
SHEET NO.: 2 OF 3
SIZE: A3

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