

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0950092447](#)
Status: **Active**
Description: Modular Jack, Right Angle, 4/4

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E107635

General

Product Family Modular Jacks/Plugs
Series [95009](#)
Comments Flangeless
Component Type PCB Jack
Magnetic No
Performance Category 3
Power over Ethernet (PoE) N/A
Product Name N/A

Physical

Color - Resin Black
Durability (mating cycles max) 500
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 Right Angle (Side 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 4/4
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +80°C
Termination Interface: Style Through Hole
Waterproof / Dustproof No
Wire/Cable Type N/A

Electrical

Current - Maximum per Contact 1.5A

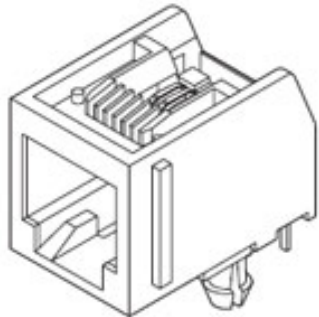


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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
[95009Series](#)

Mates With
FCC 68 Plugs

Shielded
Voltage - Maximum

No
125V DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-95029
SDA-95009-F

This document was generated on 05/26/2010

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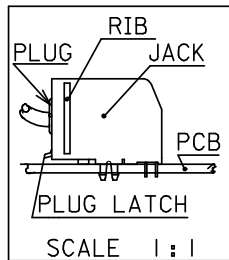
NOTES :

1- MATERIAL : POLYESTER FIBER GLASS FILED 94-V-0
COLOR BLACK .

TERMINAL : TIN BRASS.

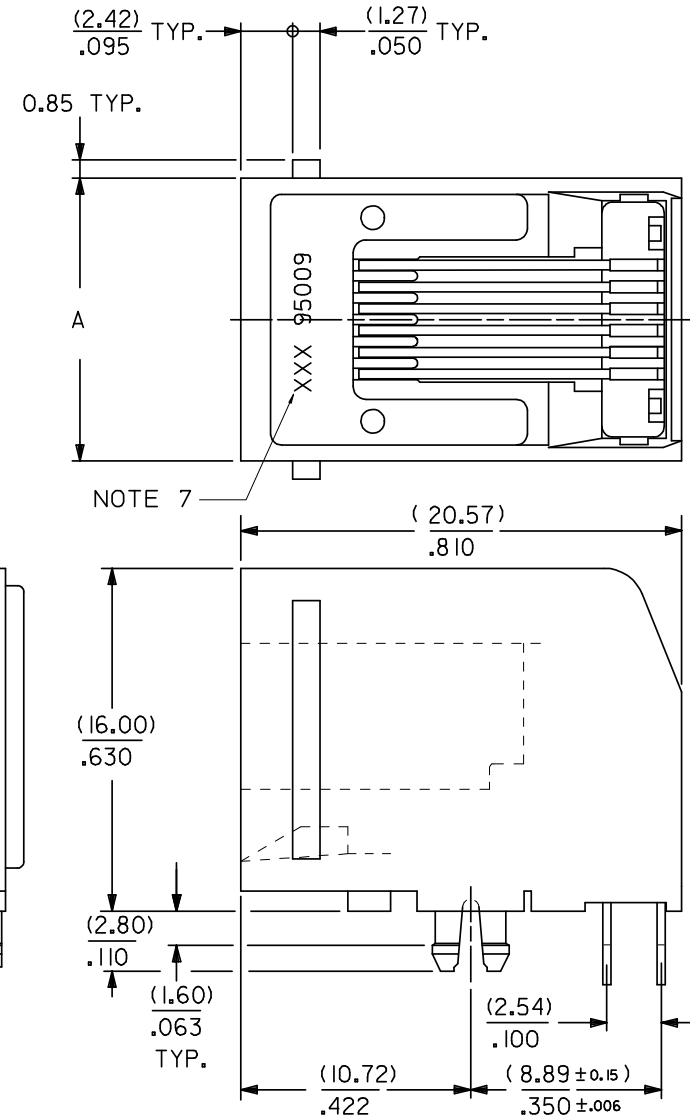
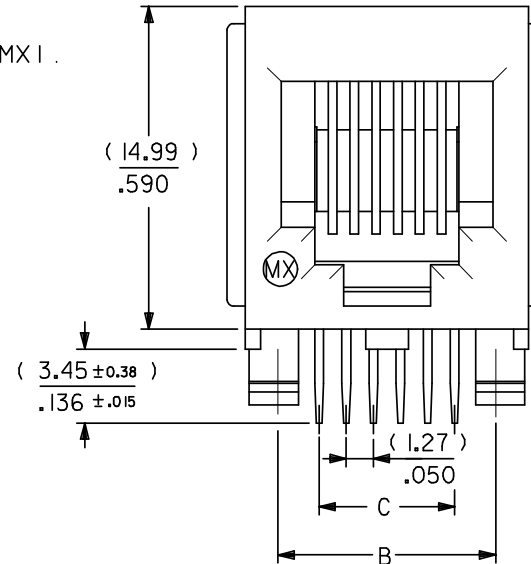
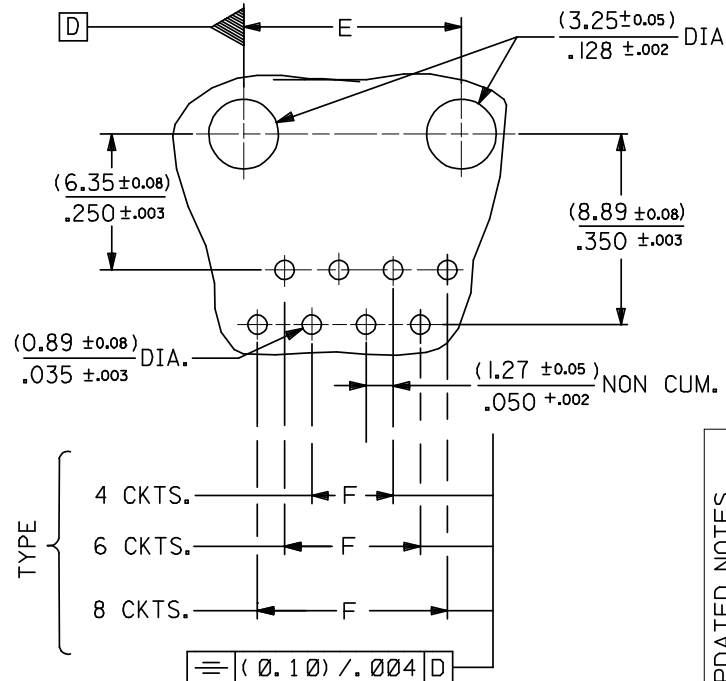
PLATINGS : FINISH 2

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-95009-001.
- 5- APPLICATION SPECIFICATION AS-95001.
- 6- PACKAGING SPECIFICATION PK-95029.
- 7- MANUFACTURING ID CAN BE MXF, MG OR MXI .

MOUNTING HOLE PATTERNS (SEE FROM COMPONENT SIDE)



UPDATED NOTES.
EC NO: E2008-0348
DRWN: DBYRNES
CHKD: JWALLACE
APPR: JWALLACE
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 ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY
DP

DATE
86/10/23

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.
SEE CHART SHT 2

SIZE
A3

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
FLUSH MOUNT RIGHT ANGLE
MODULAR JACK ASSEMBLY
THROUGH HOLE VERSION

MOLEX INCORPORATED

DOCUMENT NO.
SDA-95009-F

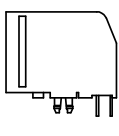
SHEET NO.
1 OF 2

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F

F

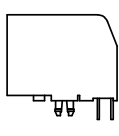
PART NUMBERS FOR JACK I RIB .

	TYPE		POS. 4	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 8	TOOLED
			4 CKTS.	TOOLED	4 CKTS.	TOOLED	6 CKTS.	TOOLED	8 CKTS.	TOOLED
	FINISH 2	MOLEX STANDARD	95009-244I	X	95009-264I	X	95009-266I	X	95009-288I	X

E

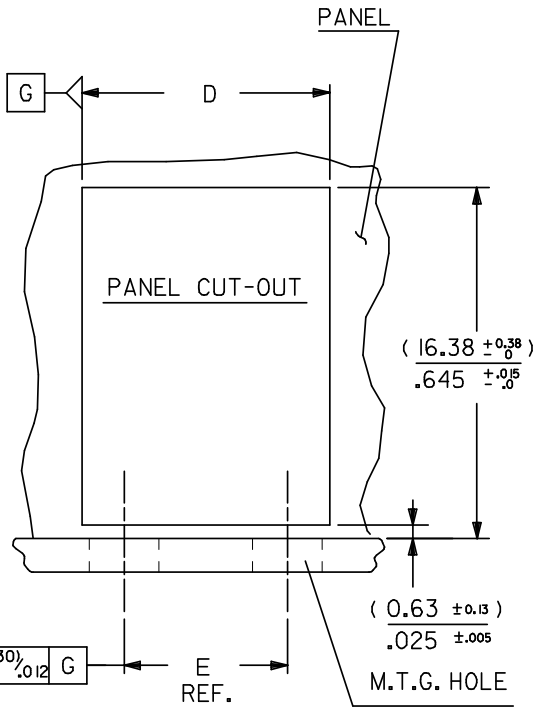
E

PART NUMBERS FOR JACK NO RIB.

	TYPE		POS. 4	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 8	TOOLED
			4 CKTS.	TOOLED	4 CKTS.	TOOLED	6 CKTS.	TOOLED	8 CKTS.	TOOLED
	FINISH 2	MOLEX STANDARD	95009-2447	X	95009-2647	X	95009-2667	X	95009-2887	X

D

D



C

C

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	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350
D $(\pm 0.38) / \pm 0.15$	(11.56) / .455	(13.59) / .535	(13.59) / .535	(15.62) / .615
E $(\pm 0.10) / \pm 0.004$	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
F $(\pm 0.10) / \pm 0.004$	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

B

B

ADDED PART NO's

EC NO: E2008-0348

DRWN:DBYRNES

CHKD:

APPR:JWALLACE

2008/01/14

2008/01/16

2008/01/16

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SEE CHART

SIZE

A3

SCALE

4:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

FLUSH MOUNT RIGHT ANGLE MODULAR JACK ASSEMBLY THROUGH HOLE VERSION

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SHEET NO.

2 OF 2

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A

A