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**Part Number:** [0950092647](#)  
**Status:** **Active**  
**Overview:** [modular\\_plugs\\_jacks](#)  
**Description:** Modular Jack, Right Angle, 6/4

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

**Agency Certification**

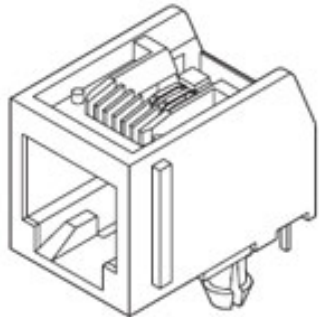
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E107635 |

**General**

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Family            | Modular Jacks/Plugs                 |
| Series                    | <a href="#">95009</a>               |
| Comments                  | Flangeless                          |
| Component Type            | PCB Jack                            |
| Magnetic                  | No                                  |
| Overview                  | <a href="#">modular_plugs_jacks</a> |
| Performance Category      | 3                                   |
| Power over Ethernet (PoE) | N/A                                 |
| Product Name              | RJ11                                |

**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                           |
| Panel Mount                    | Without Flange                 |
| 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) | No                             |
| Temperature Range - Operating  | -40°C to +80°C                 |
| Termination Interface: Style   | Through Hole                   |
| Waterproof / Dustproof         | No                             |
| Wire/Cable Type                | N/A                            |



Series

image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**  
**Not Halogen-Free**

**China RoHS**



**Need more information on product environmental compliance?**  
  
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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

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |             |
|-------------------------|-------------|
| Packaging Specification | PK-95029    |
| Sales Drawing           | SDA-95009-F |

This document was generated on 05/26/2010

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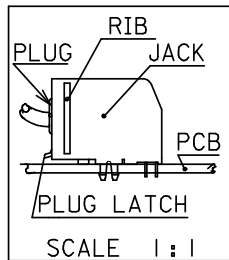
# NOTES :

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

TERMINAL : TIN BRASS.

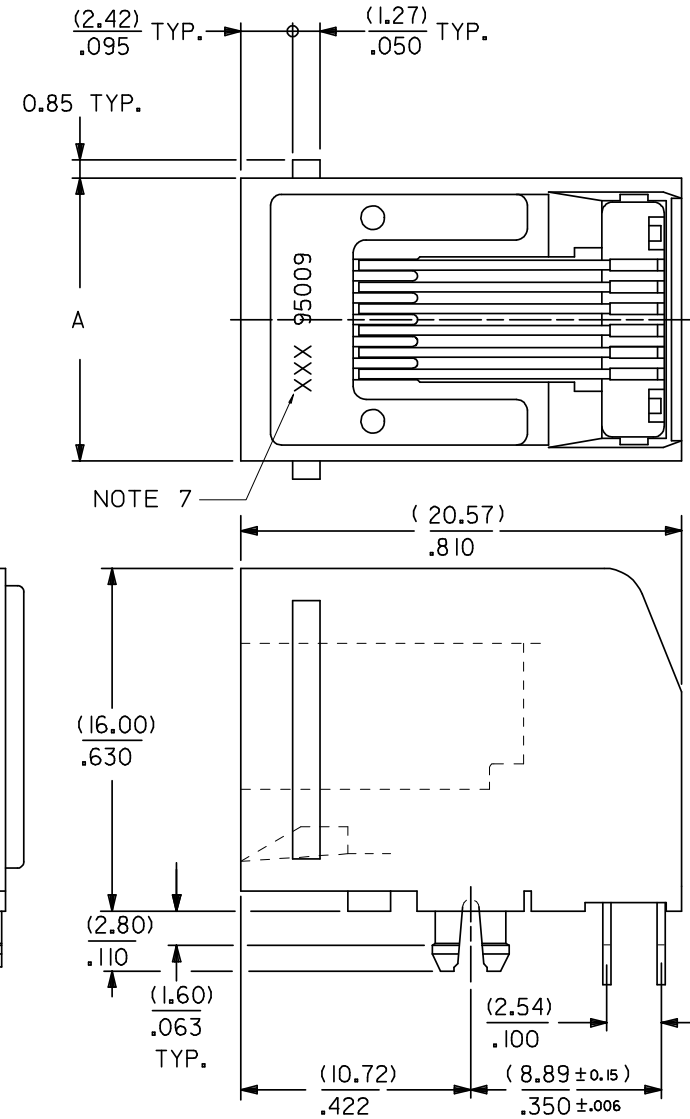
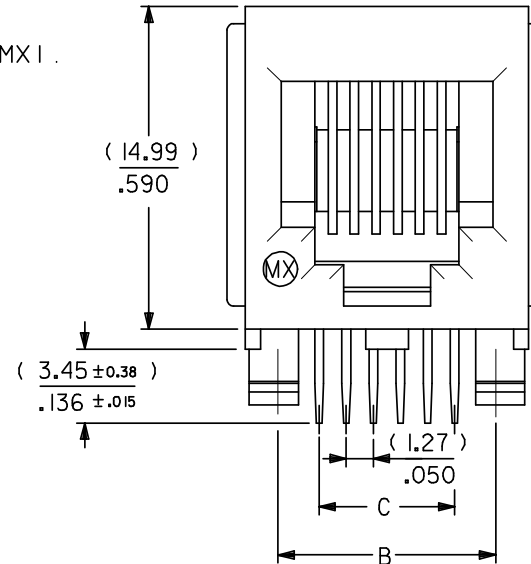
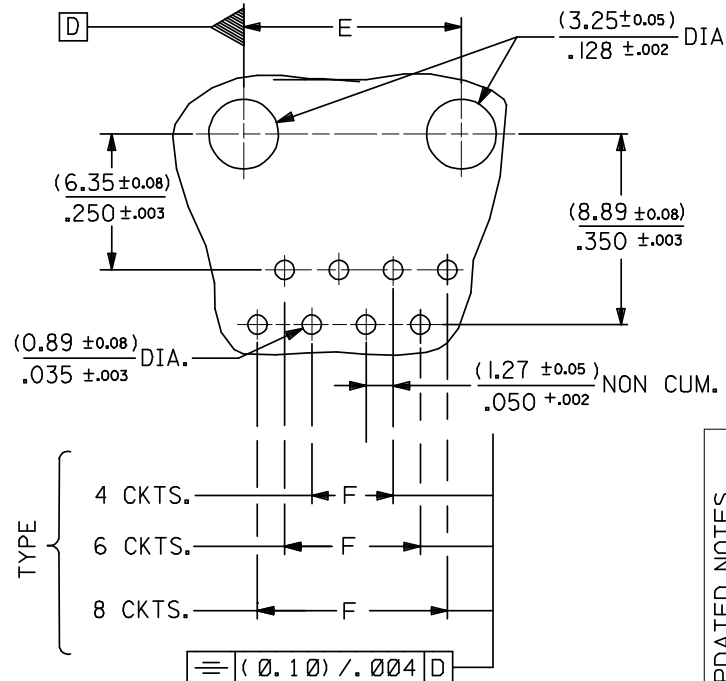
PLATINGS : FINISH 2

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 | DATE     |
|----------|----------|
| DP       | 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

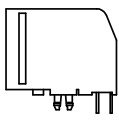
MOLEX INCORPORATED

DOCUMENT NO.  
SDA-95009-F

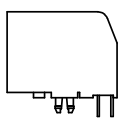
SHEET NO.  
1 OF 2

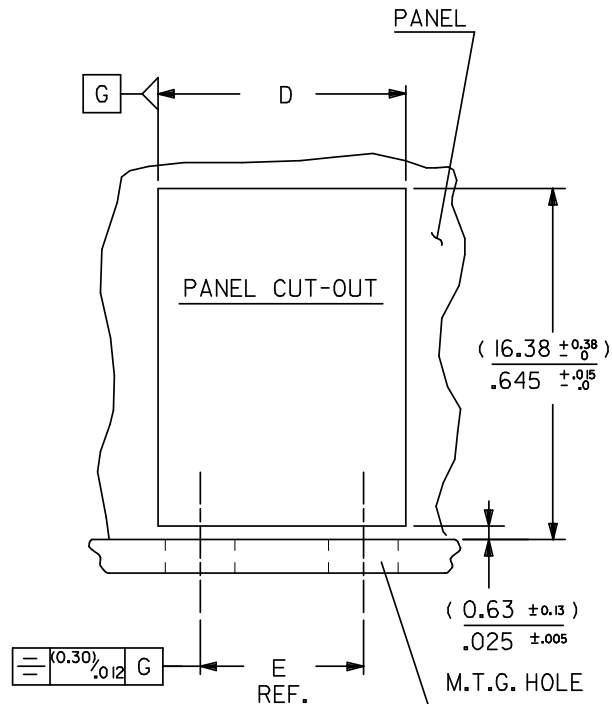
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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

## PART NUMBERS FOR JACK I RIB .

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

## PART NUMBERS FOR JACK NO RIB.

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



| 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  |

|                                                                                                                   |  |             |                                                            |                                       |        |                           |                                                                                                                                  |                             |                                                                                   |                        |                           |  |  |
|-------------------------------------------------------------------------------------------------------------------|--|-------------|------------------------------------------------------------|---------------------------------------|--------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| ADDED PART NO'S<br>EC NO: E2008-0348<br>DRWN:DBYRNES 2008/01/14<br>CHKD: 2008/01/16<br>APPR: J.WALLACE 2008/01/16 |  | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>◻=0</div>           | GENERAL TOLERANCES (UNLESS SPECIFIED) |        |                           | DIMENSION STYLE<br>MM/IN                                                                                                         |                             | SCALE<br>4:1                                                                      | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                   |  |             |                                                            |                                       | mm     | INCH                      | DRAWN BY<br>DP                                                                                                                   | DATE<br>87/04/22            | TITLE<br>FLUSH MOUNT RIGHT ANGLE<br>MODULAR JACK ASSEMBLY<br>THROUGH HOLE VERSION |                        |                           |  |  |
|                                                                                                                   |  |             |                                                            | 4 PLACES                              | ± ---  | ± ---                     | CHECKED BY                                                                                                                       | DATE                        |                                                                                   |                        |                           |  |  |
|                                                                                                                   |  |             |                                                            | 3 PLACES                              | ± ---  | ± .010                    |                                                                                                                                  |                             |                                                                                   |                        |                           |  |  |
|                                                                                                                   |  |             |                                                            | 2 PLACES                              | ± 0.25 | ± .014                    |                                                                                                                                  |                             | MOLEX MOLEX INCORPORATED                                                          |                        |                           |  |  |
|                                                                                                                   |  |             |                                                            | 1 PLACE                               | ± 0.35 | ± ---                     | APPROVED BY DATE                                                                                                                 |                             |                                                                                   |                        |                           |  |  |
|                                                                                                                   |  |             | ANGULAR ±1/2°                                              |                                       |        | MATERIAL NO.<br>SEE CHART |                                                                                                                                  | DOCUMENT NO.<br>SDA-95009-F |                                                                                   |                        | SHEET NO.<br>2 OF 2       |  |  |
|                                                                                                                   |  |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                       |        | SIZE<br>A3                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                             |                                                                                   |                        |                           |  |  |

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