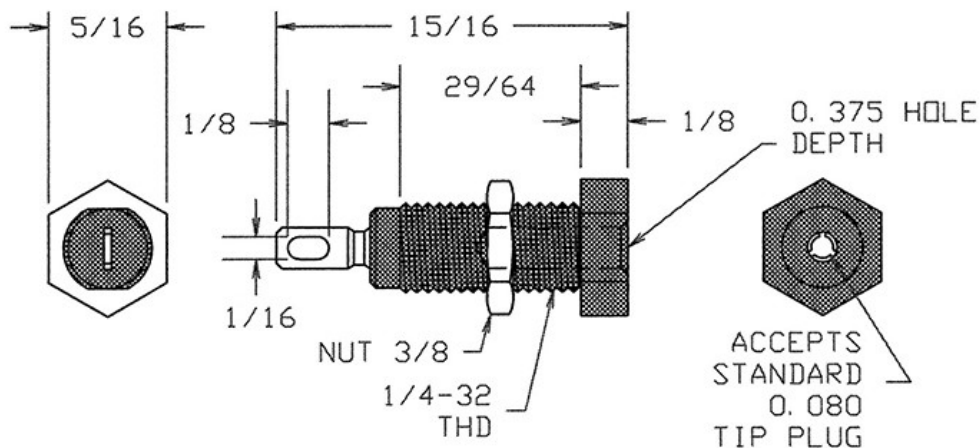


|                        |                                          |
|------------------------|------------------------------------------|
| <b>DRAWING NUMBER:</b> | <b>09-9151-1-XXXX</b>                    |
| <b>PRODUCT GROUP:</b>  | PANEL JACKS AND TERMINALS                |
| <b>SUB-GROUP:</b>      | PANEL JACKS AND TERMINALS - THREAD MOUNT |
| <b>DESCRIPTION:</b>    | PANEL JACK - PLASTIC THREAD              |



| ACCEPTS<br>PIN / PLUG / JACK SIZE | MIN. HOLE DEPTH            | MOUNTING ORIENTATION  | BOARD / PANEL<br>MOUNTING METHOD |
|-----------------------------------|----------------------------|-----------------------|----------------------------------|
| 0.080" ± 0.001                    | 0.375"                     | VERTICAL              | THREAD MOUNT (1/4-32 NUT)        |
| MOUNTING HOLE SIZE                | BOARD / PANEL<br>THICKNESS | FEED THRU COMBINATION | OVERALL LENGTH                   |
| 0.257" ± 0.002                    | UP TO 3/16"                | JACK/EYELET           | 0.9375"                          |

## PART NO. STRUCTURE:

|                |   |           |   |           |                  |
|----------------|---|-----------|---|-----------|------------------|
| <b>09-9151</b> | - | <b>1</b>  | - | <b>XX</b> | <b>XX</b>        |
| PART SERIES    |   | DIMENSION |   | FINISH    | INSULATION COLOR |

## MATERIAL OPTIONS:

**09-9151-1-XXXX**

| COMPONENT         | MATERIAL         | MATERIAL AND SPECIFICATION                   |
|-------------------|------------------|----------------------------------------------|
| BODY              | BRASS            | BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD   |
| SPRING (CAGE)     | BERYLLIUM COPPER | BERYLLIUM COPPER PER ASTM B194, ALLOY C17200 |
| INSULATION*       | NYLON            | NYLON PER ASTM D4066                         |
| BASE/METAL SLEEVE | N/A              | N/A                                          |
| NUT               | BRASS            | BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD   |
| WASHER            | N/A              | N/A                                          |
| LUG               | N/A              | N/A                                          |

\*For Insulation color, please see INSULATION COLOR OPTIONS on Page 2

## FINISH - PLATING OPTIONS:

09-9151-1-XXXX

| FINISH CODE | COMPONENT         | FINISH             | FINISH AND SPECIFICATION                                                                                  |
|-------------|-------------------|--------------------|-----------------------------------------------------------------------------------------------------------|
| 03          | BODY              | GOLD               | 0.000010"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2 |
|             | SPRING (CAGE)     | GOLD               | 0.000030"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2 |
|             | BASE/METAL SLEEVE | N/A                | N/A                                                                                                       |
|             | NUT               | NICKEL             | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2                                                        |
|             | WASHER            | N/A                | N/A                                                                                                       |
|             | LUG               | N/A                | N/A                                                                                                       |
| 035         | BODY              | GOLD               | 0.000020"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2 |
|             | SPRING (CAGE)     | GOLD               | 0.000050"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2 |
|             | BASE/METAL SLEEVE | N/A                | N/A                                                                                                       |
|             | NUT               | NICKEL             | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2                                                        |
|             | WASHER            | N/A                | N/A                                                                                                       |
|             | LUG               | N/A                | N/A                                                                                                       |
| 044         | BODY              | BRIGHT ELECTRO-TIN | 0.000200"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2    |
|             | SPRING (CAGE)     | BRIGHT ELECTRO-TIN | 0.000200"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2    |
|             | BASE/METAL SLEEVE | N/A                | N/A                                                                                                       |
|             | NUT               | NICKEL             | 0.000100"MIN. NICKEL PER SAE-AMS-QQ-N-290, CLASS 2                                                        |
|             | WASHER            | N/A                | N/A                                                                                                       |
|             | LUG               | N/A                | N/A                                                                                                       |

## INSULATION COLOR OPTIONS:

09-9151-1-XXXX

| INSULATION COLOR | BLACK | BROWN | RED | ORANGE | YELLOW | GREEN | BLUE | VIOLET | GRAY | WHITE |
|------------------|-------|-------|-----|--------|--------|-------|------|--------|------|-------|
| COLOR CODE NO.   | 10    | 11    | 12  | 13     | 14     | 15    | 16   | 17     | 18   | 19    |

## TOLERANCES:\*

| DECIMAL | FRACTIONAL | ANGULAR | DRAWING ORIGATION DATE | LAST MODIFICATION DATE |
|---------|------------|---------|------------------------|------------------------|
| ± 0.010 | ± 1/64     | N/A     | 12/8/1997              | 1/1/2017               |

\*All dimensions are in inches.

## RoHS COMPLIANCE:

## 09-9151-1-03XX

| PART NUMBER    | RoHS COMPLIANT |
|----------------|----------------|
| 09-9151-1-0310 | YES            |
| 09-9151-1-0311 | YES            |
| 09-9151-1-0312 | YES            |
| 09-9151-1-0313 | YES            |
| 09-9151-1-0314 | YES            |
| 09-9151-1-0315 | YES            |
| 09-9151-1-0316 | YES            |
| 09-9151-1-0317 | YES            |
| 09-9151-1-0318 | YES            |
| 09-9151-1-0319 | YES            |

## 09-9151-1-035XX

| PART NUMBER     | RoHS COMPLIANT |
|-----------------|----------------|
| 09-9151-1-03510 | YES            |
| 09-9151-1-03511 | YES            |
| 09-9151-1-03512 | YES            |
| 09-9151-1-03513 | YES            |
| 09-9151-1-03514 | YES            |
| 09-9151-1-03515 | YES            |
| 09-9151-1-03516 | YES            |
| 09-9151-1-03517 | YES            |
| 09-9151-1-03518 | YES            |
| 09-9151-1-03519 | YES            |

## 09-9151-1-044XX

| PART NUMBER     | RoHS COMPLIANT |
|-----------------|----------------|
| 09-9151-1-04410 | YES            |
| 09-9151-1-04411 | YES            |
| 09-9151-1-04412 | YES            |
| 09-9151-1-04413 | YES            |
| 09-9151-1-04414 | YES            |
| 09-9151-1-04415 | YES            |
| 09-9151-1-04416 | YES            |
| 09-9151-1-04417 | YES            |
| 09-9151-1-04418 | YES            |
| 09-9151-1-04419 | YES            |

## MILITARY REFERENCE SPECIFICATIONS:

## 09-9151-1-03XX

| PART NUMBER    | MIL SPECIFICATION | MIL PART NUMBER |
|----------------|-------------------|-----------------|
| 09-9151-1-0310 | N/A               | N/A             |
| 09-9151-1-0311 | N/A               | N/A             |
| 09-9151-1-0312 | N/A               | N/A             |
| 09-9151-1-0313 | N/A               | N/A             |
| 09-9151-1-0314 | N/A               | N/A             |
| 09-9151-1-0315 | N/A               | N/A             |
| 09-9151-1-0316 | N/A               | N/A             |
| 09-9151-1-0317 | N/A               | N/A             |
| 09-9151-1-0318 | N/A               | N/A             |
| 09-9151-1-0319 | N/A               | N/A             |

## 09-9151-1-035XX

| PART NUMBER     | MIL SPECIFICATION | MIL PART NUMBER |
|-----------------|-------------------|-----------------|
| 09-9151-1-03510 | N/A               | N/A             |
| 09-9151-1-03511 | N/A               | N/A             |
| 09-9151-1-03512 | N/A               | N/A             |
| 09-9151-1-03513 | N/A               | N/A             |
| 09-9151-1-03514 | N/A               | N/A             |
| 09-9151-1-03515 | N/A               | N/A             |
| 09-9151-1-03516 | N/A               | N/A             |
| 09-9151-1-03517 | N/A               | N/A             |
| 09-9151-1-03518 | N/A               | N/A             |
| 09-9151-1-03519 | N/A               | N/A             |

## 09-9151-1-044XX

| PART NUMBER     | MIL SPECIFICATION | MIL PART NUMBER |
|-----------------|-------------------|-----------------|
| 09-9151-1-04410 | N/A               | N/A             |
| 09-9151-1-04411 | N/A               | N/A             |
| 09-9151-1-04412 | N/A               | N/A             |
| 09-9151-1-04413 | N/A               | N/A             |
| 09-9151-1-04414 | N/A               | N/A             |
| 09-9151-1-04415 | N/A               | N/A             |
| 09-9151-1-04416 | N/A               | N/A             |

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

09-9151-1-044XX

| PART NUMBER     | MIL SPECIFICATION | MIL PART NUMBER |
|-----------------|-------------------|-----------------|
| 09-9151-1-04417 | N/A               | N/A             |
| 09-9151-1-04418 | N/A               | N/A             |
| 09-9151-1-04419 | N/A               | N/A             |

NOTES:

|                                                                    |
|--------------------------------------------------------------------|
| DATASHEET NOTES                                                    |
| NUT PART NO.: 701-7415-02.                                         |
| INSTRUCTION NOTES                                                  |
| SUPPLIED WITH NICKEL PLATED BRASS HEX NUT (1/4-32 x 3/8" x 3/32"). |