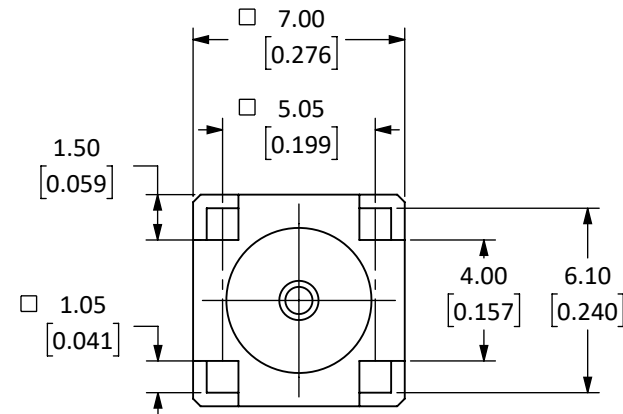
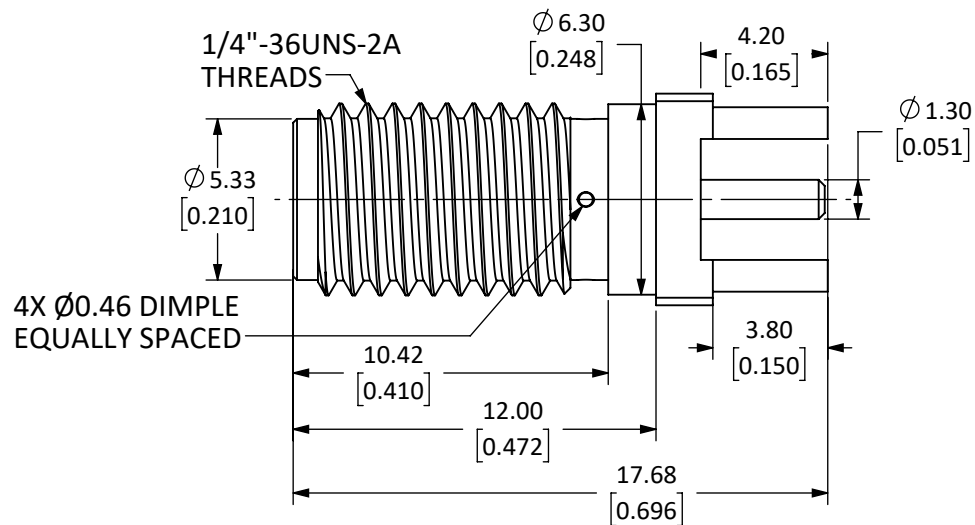


|                                     |               |              |                |
|-------------------------------------|---------------|--------------|----------------|
| Connector: RP-SMA Jack (Male Pin)   |               |              |                |
| Termination: PCB Through-Hole Mount |               |              |                |
| Part Number                         |               | CONREVSMA008 | CONREVSMA008-G |
| Connector Part                      | Material      | Finish       | Finish         |
| Bodies                              | Body: Brass   | Nickel       | Gold           |
|                                     | Shell: Brass  | Nickel       | Gold           |
|                                     | Nut: Brass    | Nickel       | Gold           |
|                                     | Washer: Brass | Nickel       | Gold           |
| Center Contact                      | Pin: Brass    | Gold         | Gold           |
| Insulator                           | PTFE          | -            | -              |



#### NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN mm [INCHES].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES 0.5 MAXIMUM.
5. SEE TABLE I FOR ELECTRICAL SPECIFICATIONS. (SHEET 2)
6. SEE TABLE II FOR ENVIRONMENTAL SPECIFICATIONS. (SHEET 2)
7. SEE TABLE III FOR MECHANICAL SPECIFICATIONS. (SHEET 2)
8. SEE PARTSLIST. "\*" INDICATES FINISH TYPE.

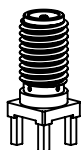
**WARNING:** THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.

|                       |                                                                                                                                                                                      |                   |                                                                                                     |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------|
| MATERIAL:             | TOLERANCES:<br>0.50 [.020]-5.00 [.200]= ±0.20 [.008]<br>5.00 [.200]-30.00 [1.200]= ±0.40 [.016]<br>30.0 [1.20]-120.0 [4.75]= ±0.60 [.024]<br>120.0 [4.75]-315.0 [12.40]= ±1.0 [.040] |                   | PROJECTION<br> |
|                       | ANGLES: ± 1°                                                                                                                                                                         |                   |                                                                                                     |
|                       | FINISH:                                                                                                                                                                              | DRAWN: M. SCHULTE | DT: 21/JAN/19                                                                                       |
| ENGR: D. VARATHARAJAN |                                                                                                                                                                                      | DT: 08/MAR/19     |                                                                                                     |

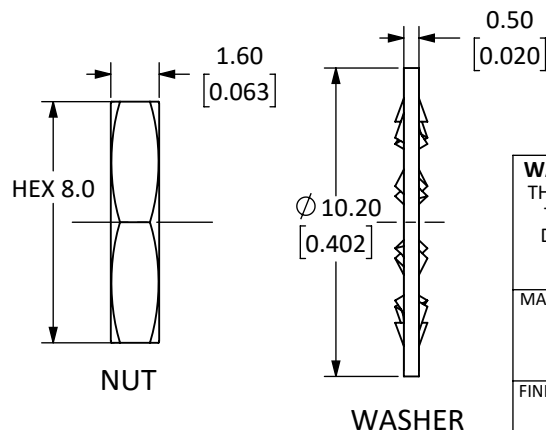


TITLE:  
**RP-SMA FEMALE PCB MOUNT  
EXTENDED**

|            |                       |              |
|------------|-----------------------|--------------|
| SIZE       | DWG. NO.              | REV          |
| <b>A</b>   | <b>CONREVSMA008-*</b> | <b>A</b>     |
| SCALE: 4:1 | DO NOT SCALE DRAWING  | SHEET 1 OF 2 |



SCALE 1 : 1



5 TABLE I

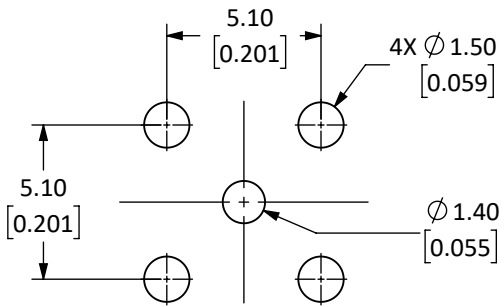
| Electrical Data       | Detail                                                     |
|-----------------------|------------------------------------------------------------|
| Impedance             | 50 $\Omega$                                                |
| Frequency Range       | 0 to 18 GHz                                                |
| Insulation Resistance | 5 000 M $\Omega$ min.                                      |
| Voltage Rating        | 1 000 V RMS                                                |
| Contact Resistance    | Center: $\leq 3.0$ m $\Omega$ Outer: $\leq 2.5$ m $\Omega$ |

6 TABLE II

| Environmental Data       | Detail                                  |
|--------------------------|-----------------------------------------|
| Corrosion (Salt spray)   | ASTMB-117                               |
| Thermal Shock            | MIL-STD-202 Method 107 test condition B |
| Vibration                | MIL-STD-202 Method 204 test condition D |
| Mechanical Shock         | MIL-STD-202 Method 213 test condition I |
| Temperature Range        | -55 °C to +155 °C                       |
| Environmental Compliance | RoHS                                    |

7 TABLE III

| Mechanical Data        | Detail                              |
|------------------------|-------------------------------------|
| Mounting Type          | PCB Through Hole Mount, Panel Mount |
| Fastening Type         | 1/4"-36 Threaded Coupling           |
| Recommended Torque     | 0.57 N·m (5.0 in·lbs)               |
| Coupling Nut Retention | 60 lbs. min.                        |
| Connector Durability   | 500 cycles min.                     |
| Weight                 | 2.8 g (0.1 oz)                      |



RECOMMENDED FOOTPRINT