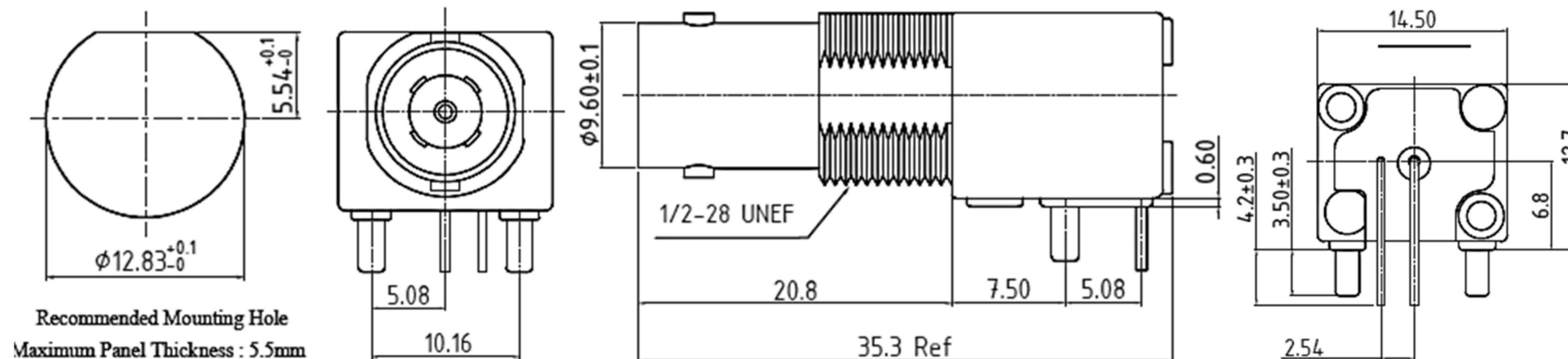




Recommended Mounting Hole  
Maximum Panel Thickness : 5.5mm

Recommended PCB Layout

Electrical :  
Impedance: 50 ohm  
Frequency Range : 0~4 GHz.  
Voltage Range :  $\geq 500$  V rms (depending on cable)  
Insulator Resistance :  $\geq 5$  G $\Omega$   
Dielectric Withstanding Voltage : 1500 rms  
Contact Resistance : Center Contact  $\leq 1.5$  m $\Omega$   
Outer Contact  $\leq 1$  m $\Omega$

Mechanical :  
Mating: Bayonet Coupling.  
Recommended Mating Torque : 0.6~2.5 lbs  
Coupling Nut Retention Force :  $\geq 101.2$  lbs

Environmental :  
Temperature Range : -65°C to 165°C  
Corrosion(Salt Spray) : MIL-STD-202, Method 101, Cond. B  
Thermal Shock : MIL-STD-202, Method 107, Cond. B

Finish [Unit of Plating Thickness Is in Micro Inch( $\mu$ )]  
1. Nickel Plating  
2. Tin Plating  
3. Gold Plating Thickness : 2  $\mu$ " MAX.

| REVISION HISTORY |             |         |             |          |
|------------------|-------------|---------|-------------|----------|
| REV              | DESCRIPTION | CHG REF | DATE        | DESIGNER |
| 1.0              | Origin      | -       | 11/Feb/2025 | M. Smith |

|              |                                   |                        |                             |                                                             |                           |       |                     |    |
|--------------|-----------------------------------|------------------------|-----------------------------|-------------------------------------------------------------|---------------------------|-------|---------------------|----|
| DO NOT SCALE | Unit of Measure: millimetres (mm) | Third Angle Projection | Designed by<br>Martin Smith | X.X - $\pm 0.20$<br>X.XX - $\pm 0.10$<br>X.XXX - $\pm 0.05$ | Design Right<br>Protected | ©2025 | Date<br>11 feb 2025 | A3 |
|--------------|-----------------------------------|------------------------|-----------------------------|-------------------------------------------------------------|---------------------------|-------|---------------------|----|

|                   |                                           |                                                                                                                                                                                                                                                                              |                                 |              |                |
|-------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|----------------|
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|                   |                                           |                                                                                                                                                                                                                                                                              | Part No:<br>ZBS-04-RB35-NN      | Issue<br>1.0 | Sheet<br>1 / 1 |