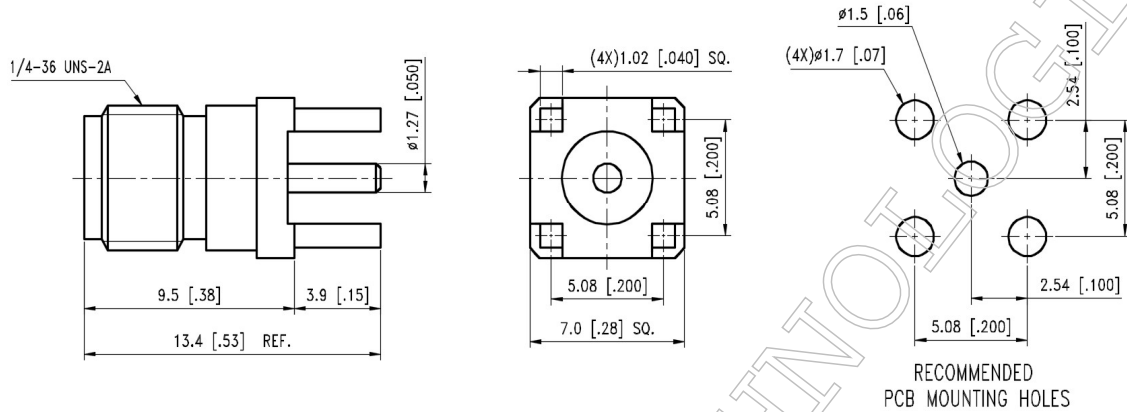


▪ **Outline Dimension Drawing**  
Dimensions: mm[inch]



▪ **Material Specification**

| Description | Material | Plating |
|-------------|----------|---------|
| Body        | Brass    | Nickel  |
| Contact     | BeCu     | Gold    |
| Dielectric  | PTFE     |         |

In the effort to improve our products, we reserve the right to make changes judged to be necessary



▪ **Electrical Specification**

| Description                     |                | Description              |                      |
|---------------------------------|----------------|--------------------------|----------------------|
| Impedance                       | 50 $\Omega$    | Insulation Resistance    | 5000 M $\Omega$ Min. |
| Frequency                       | 18 GHz         | Inner Contact Resistance | 6 m $\Omega$ Max.    |
| VSWR                            | 1.3 Max.       | Outer Contact Resistance | 2 m $\Omega$ Max.    |
| Insertion Loss                  | 0.21 dB Max.   |                          |                      |
| Voltage Rating                  | 500 Vrms Max.  |                          |                      |
| Dielectric Withstanding Voltage | 1000 Vrms Max. |                          |                      |

▪ **Mechanical Specification**

| Description              |            | Description            |               |
|--------------------------|------------|------------------------|---------------|
| Center Contact           |            | Recommended Torque     | 7~9 in. lbs   |
| Axial Force-Mating End   | 6 lbs.     | Coupling Nut Retention | N/A lbs. Min. |
| Axial Force-Opposite End | 6 lbs.     |                        |               |
| Connector Durability     | 500 cycles |                        |               |
| Weight                   | N/A g      |                        |               |

▪ **Environmental Specification**

| Description      |                  | Description |  |
|------------------|------------------|-------------|--|
| Temperature Min. | -65 $^{\circ}$ C |             |  |
| Temperature Max. | 165 $^{\circ}$ C |             |  |
| Hermetic Seal    | N/A              |             |  |

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