NOTES: (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS ARE IN MILLIMETERS [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)
## Electrical Data
- **Impedance**: 50 Ω
- **Frequency Range**: 0 to 18 GHz
- **Insulation Resistance**: 5000 MΩ Min
- **Voltage Rating**: 1000 V RMS
- **Contact Resistance**: Center: 2.0 mΩ Max Outer: 2.0 mΩ Max
- **VSWR**: 1.2 Max @ 6 GHz

## Environmental Data
- **Corrosion (Salt Spray)**: MIL-STD-202 Method 101 Test Condition B
- **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**: -65°C to +165°C
- **Environmental Compliance**: ROHS

## Mechanical Data
- **Mounting Type**: Board Edge
- **Fastening Type**: 1/4"-36UNS Threaded Coupling
- **Recommended Torque**: 0.57 N.m (5 in.lbs)
- **Coupling Nut Retention**: 60 lbs Min
- **Connector Durability**: 500 Cycles Min
- **Weight**: 2.02 g (0.07 oz)

## Recommended Footprint

![Recommended Footprint Diagram](image)

## Recommended Mounting Hole

![Recommended Mounting Hole Diagram](image)