

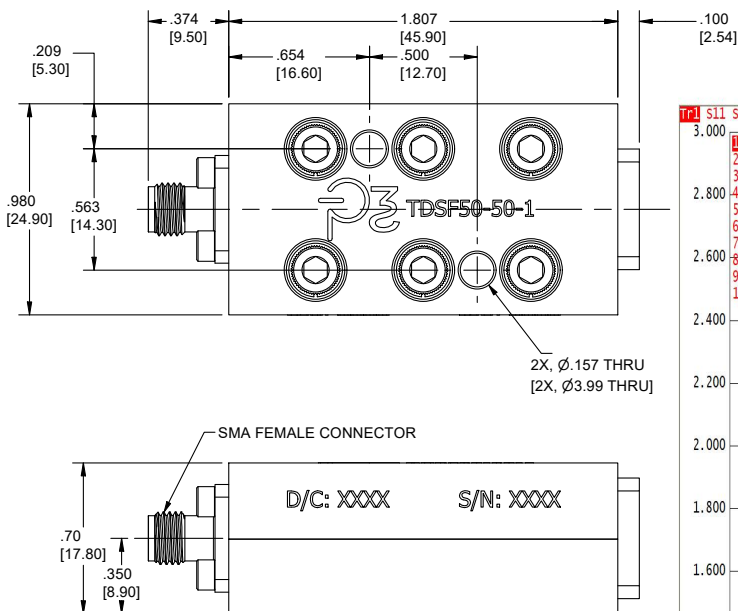


## DC - 18.0 GHz.

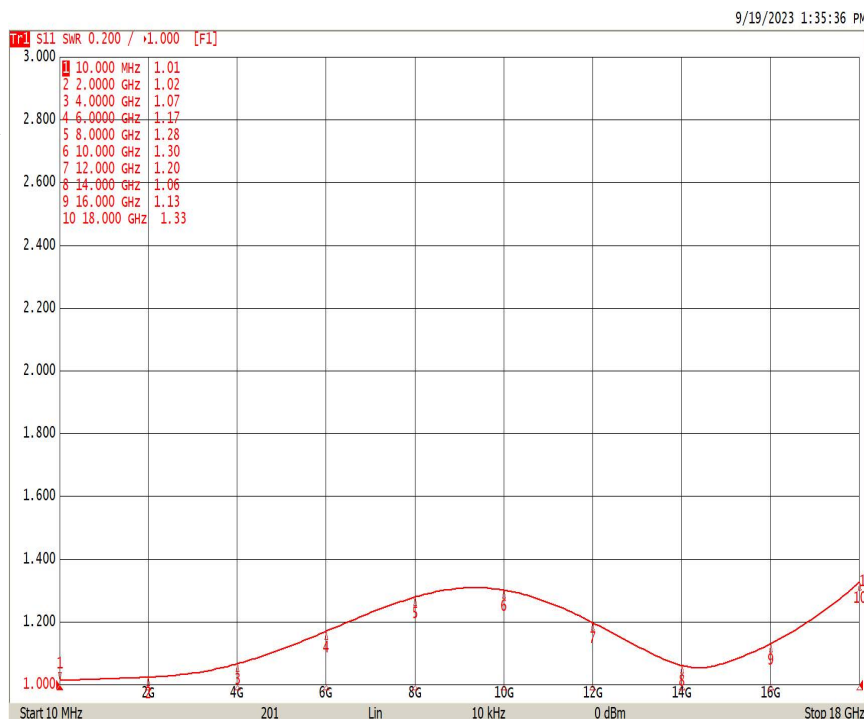
## Model: TDSF50-50-1



P3's Coaxial SMA Terminations are used commonly to terminate open ports to maintain a good 50Ω impedance and to absorb up to an average power of 50 watts CW. This product offers an excellent VSWR of <1.20 Max. from DC-18 GHz. Other applications include use in a test lab for multi-port terminators when taking measurement. The Aluminum, Nickel plated housing construction is rugged and reliable and has outstanding environmental specifications. P3 also offers a complete series of higher power terminations and attenuator's.



Typical VSWR



### ENVIRONMENTAL SPECIFICATION

Thermal Shock: MIL-STD-202, Method 107, Condition B  
 Moisture Resistance: MIL-STD-202, Method 106  
 Salt Fog Test: MIL-STD-202, Method 101, Condition B  
 Vibration: MIL-STD-202, Method 204, Condition D  
 Shock: MIL-STD-202, Method 213, Condition I  
 Connectors: MIL-STD-348B

### ELECTRICAL SPECIFICATION

Frequency Range: DC - 18.0 GHz.  
 Impedance: 50 Ω  
 VSWR: 1.20:1 / 1.5:1 Max.  
 Operating Temp.: -55° C to +125° C

### MECHANICAL SPECIFICATION

Housing: Aluminum, 6061 T6, Nickel Plated  
 Connector: SMA Jack, Stainless Steel, Passivated  
 Center Contact: Beryllium Copper, Gold Plated  
 Dielectric: PTFE  
 Weight: Storage 34 grams  
 Temp.: -55° C to +125° C

For more information Contact Sales: [sales@p3-rf.com](mailto:sales@p3-rf.com)