

Features

- Ultra Wide Band
- High Sensitivity
- Low VSWR

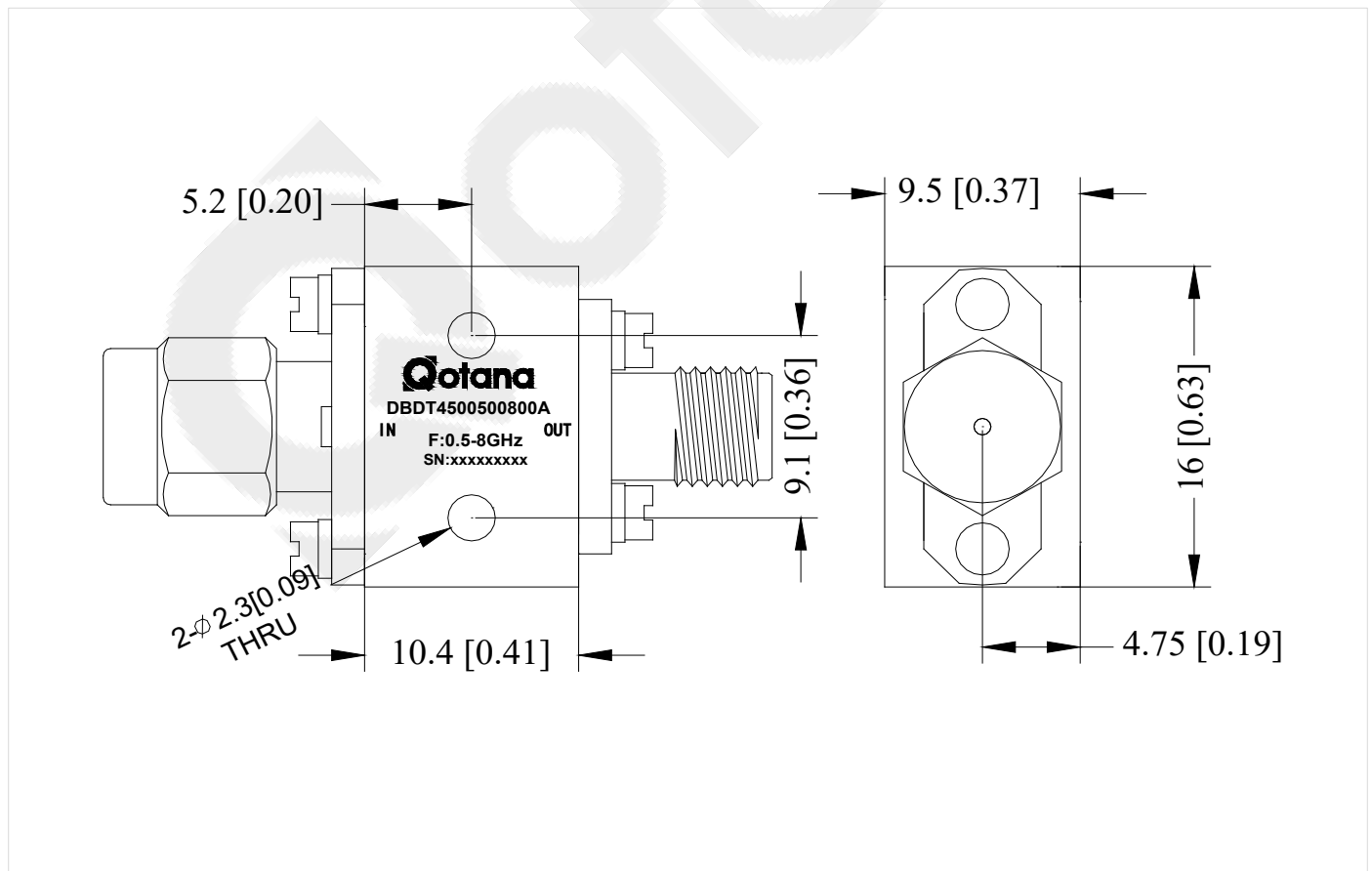


| Parameters | Min. | Typ. | Max. | Units |
|---------------------------|-----------------------|------|------|---------|
| Frequency Range | 0.5-8 | | | GHz |
| VSWR | | | 1.2 | : 1 |
| Tss | | -30 | | dBm |
| Sensitivity | | 0.5 | | Mv / uw |
| Input Power | | | 23 | dBm |
| Output Polarity | Positive (+) | | | |
| Weight | 0.35 Max. | | | Ounces |
| Input / Output Connectors | SMA-Male / SMA-Female | | | |
| Material | Aluminum | | | |
| Finish | Gold Plated | | | |

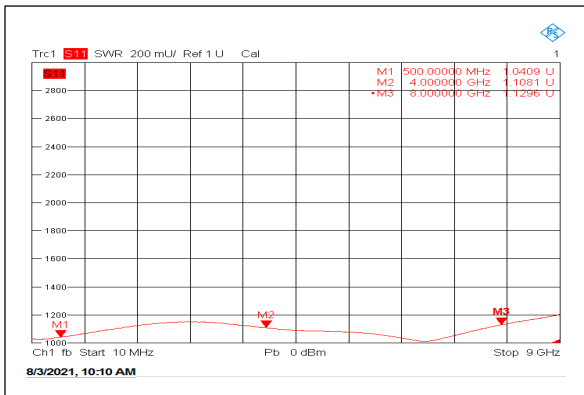
Environmental Specifications

| | |
|-----------------------------|--|
| Operational Temperature(°C) | -45°C to +85°C |
| Storage Temperature (°C) | -50°C to +105°C |
| Altitude | 30,000 ft. (Epoxy Sealed Controlled environment) |
| | 60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional) |
| Vibration | 25g RMS (15 degrees 2KHz) endurance, 1 hour per axis |
| Humidity | 100% RH at 35°C, 95%RH at 40°C |
| Shock | 20G for 11msec half sine wave,3 axis both directions |

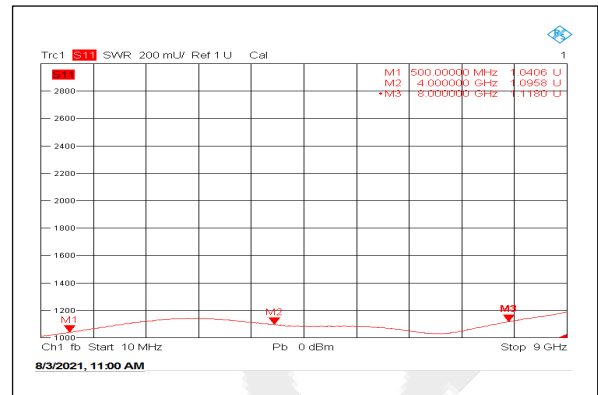
Outline Drawing:

 All Dimensions in mm (inches) Tolerance $\pm 0.15(0.006)$


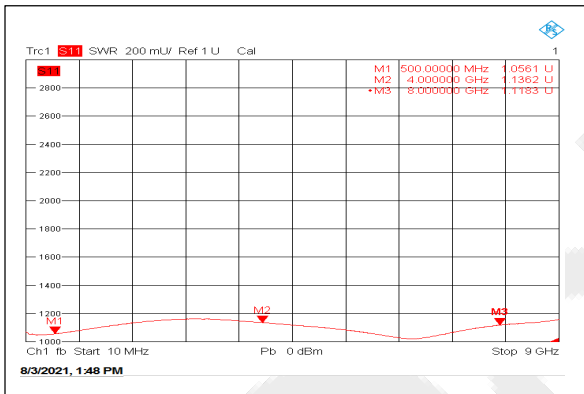
VSWR @+25°C



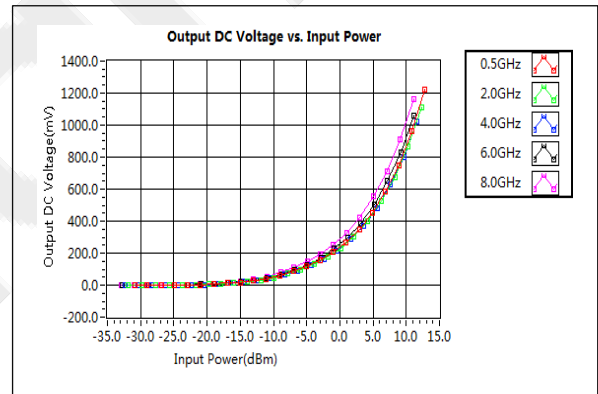
VSWR @-45°C



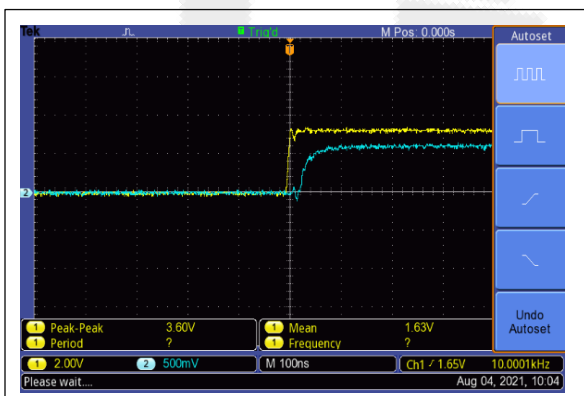
VSWR @+85°C



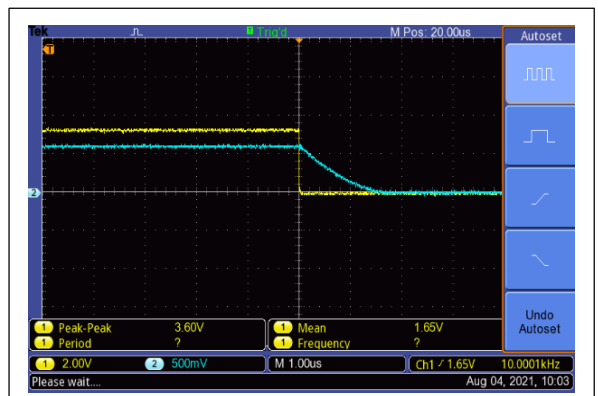
Output DC Voltage VS. Input Power



Rise time



Fall time



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