

**Part No.: TBG-2080-3S-180**

## 180 Degree 3dB Bridge

### 电气特性 Electrical:

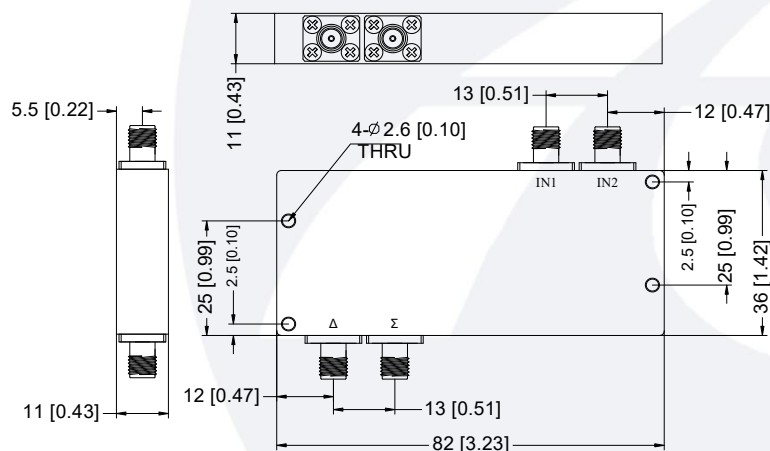
工作频率 Frequency Range: 2-8 GHz  
 耦合度 Coupling : 3dB  
 插入损耗 Insertion Loss: 1.2 typ, 1.4db max  
 隔离度 Isolation: 22db typ, 20db min  
 驻波 VSWR: 1.35 typ, 1.5 max  
 幅度平衡 Amplitude Balance:  $\pm 0.7$ dB max  
 相位平衡 Phase Balance:  $\leq \pm 10$  degree  
 耐功率 Power Handling: 50 Watt  
 阻抗 Impedance: 50 OHMS

### 机械特性 Mechanical:

温度范围 Temperature Range:  $-45^{\circ}$  C -  $+85^{\circ}$  C  
 接口 Connectors: SMA-Female  
 相对湿度 Relative Humidity: 0 ~ 90%

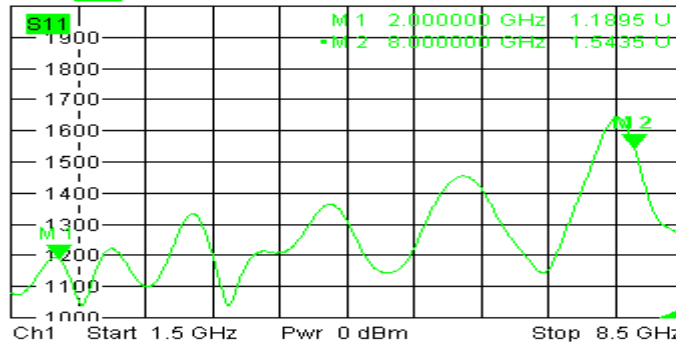
### 外形尺寸 Outline Drawing:

Unit: mm

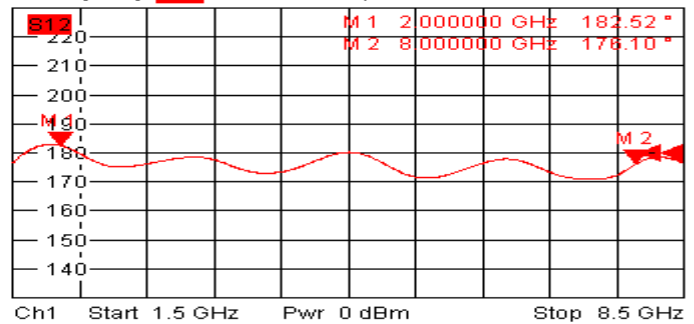




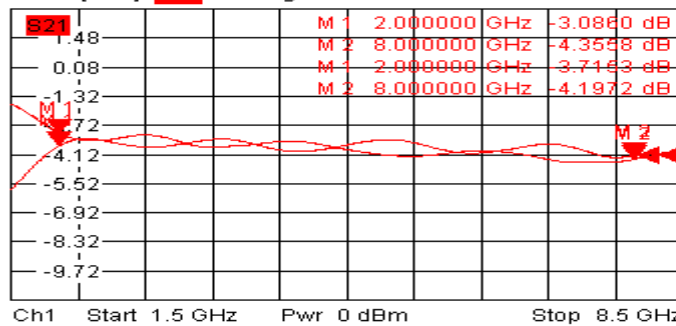
Trc1 **S11** SWR 100 mU/ Ref1 U Cal 1



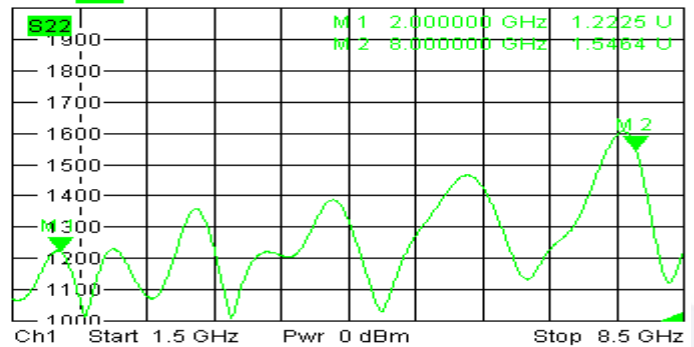
Trc2 **S12** Phase unwrap 10° / Ref 180° Cal Math  
Mem5[Trc2] **S12** Phase unwrap 10° / Ref 180° Invisible



Trc3 **S21** dB Mag 1.4 dB / Ref -4.12 dB Cal 3  
Mem6[Trc3] **S21** dB Mag 1.4 dB / Ref -4.12 dB



Trc4 **S22** SWR 100 mU/ Ref1 U Cal 4

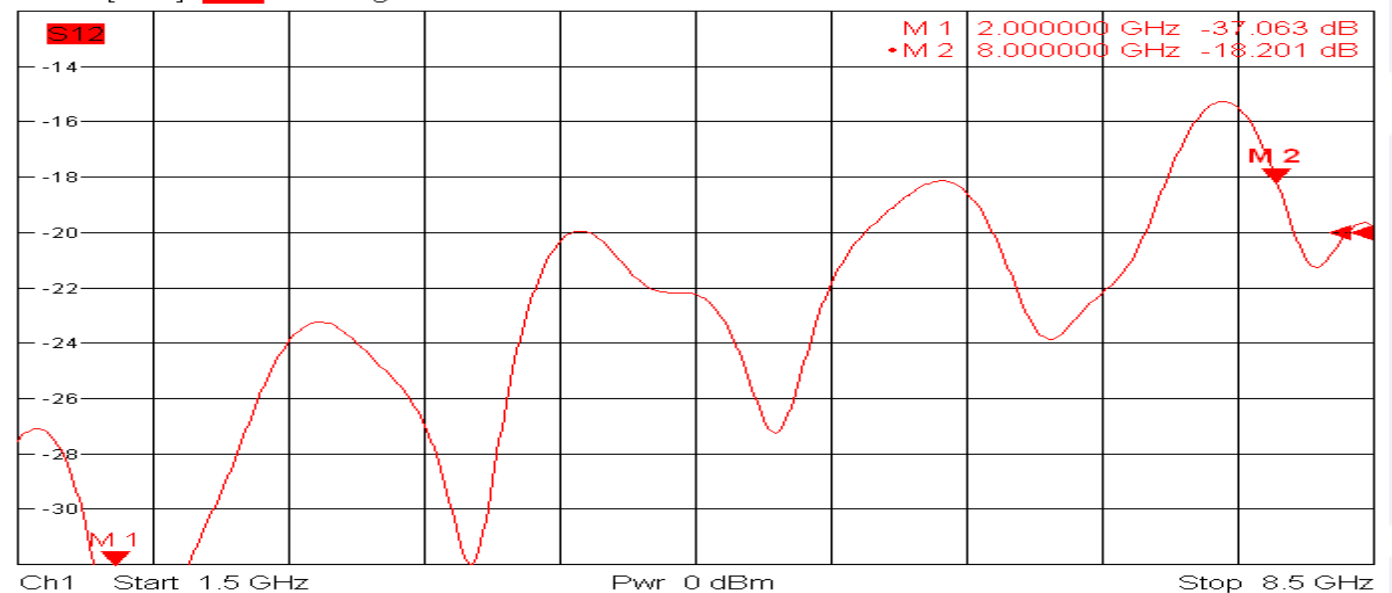


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Trc2 **S12** dB Mag 2 dB / Ref -20 dB Cal  
Mem5[Trc2] **S12** dB Mag 2 dB / Ref -20 dB Invisible

Cal Invisible 2 of 4 (Max)



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