

**Part No.: TC-05400-10K**

**20dB Directional Coupler 2.92-Female 50Ω 0.5-40 GHz**

**电气特性 Electrical:**

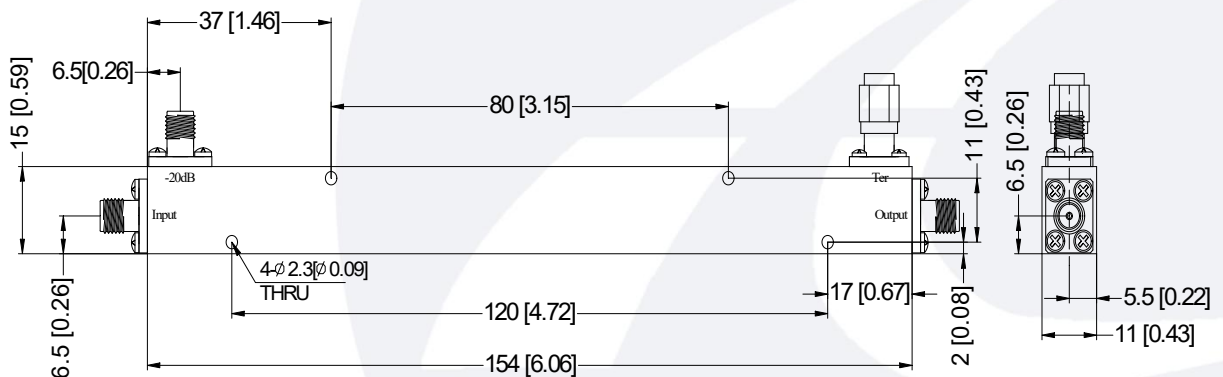
工作频率 Frequency Range: 0.5-40 GHz  
 耦合度 Coupling:: 20±2.0 db  
 插入损耗 Insertion Loss: 2.6db typ, 3.0db max  
 方向性 Directivity: : 12db typ, 10db min  
 驻波 VSWR: 1.7 max  
 耐功率 Power Handling: 30 Watt  
 阻抗 Impedance: 50 OHMS

**机械特性 Mechanical:**

温度范围 Temperature Range: -45° C - +85° C  
 接口 Connectors: 2.92-Female  
 相对湿度 Relative Humidity: 0 ~ 90%

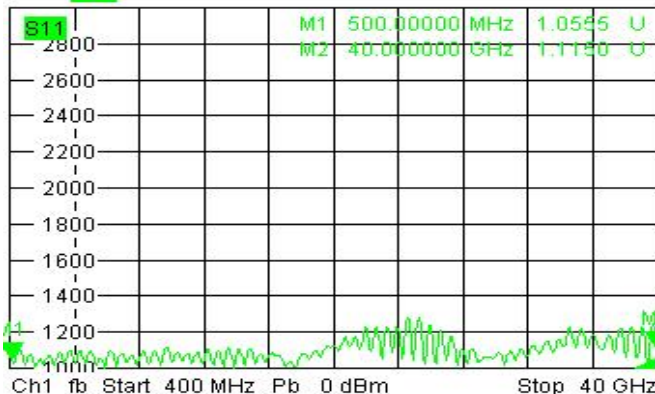
**外形尺寸 Outline Drawing:**

Unit: mm

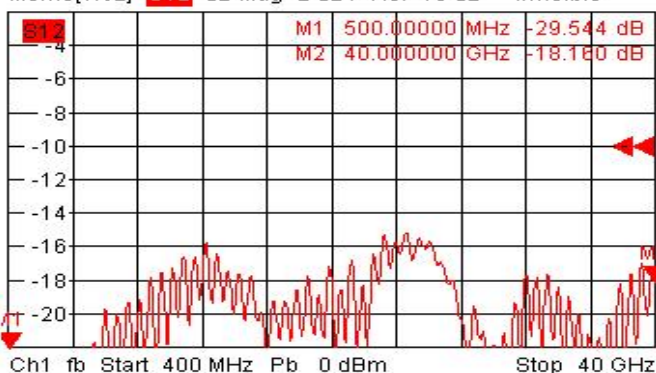


## 典型曲线: Typical Performance Date

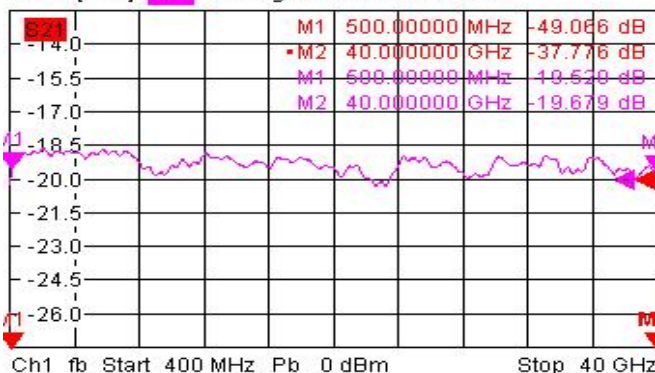
Trc1 **S11** SWR 200 mU/ Ref 1 U Cal 1



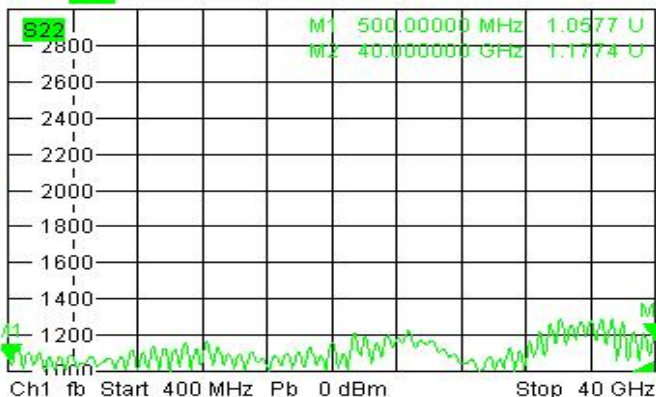
Trc2 **S12** dB Mag 2 dB / Ref -10 dB Cal Math 2  
Mem5[Trc2] **S12** dB Mag 2 dB / Ref -10 dB Invisible



Trc3 **S21** dB Mag 1.5 dB / Ref -20 dB Cal 3  
Mem6[Trc3] **S21** dB Mag 1.5 dB / Ref -20 dB



Trc4 **S22** SWR 200 mU/ Ref 1 U Cal 4



Trc3 **S21** dB Mag 1.5 dB / Ref 0 dB Cal 3 (Max)

