泰莱微波
Talent Microwave

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Cryogenic Coaxial DC Block

5MHz-40GHz/2.92mm Male/60V

Model:TDCB29M29M-2

The TDCB29M29M-2 is a cryogenic 2.92mm male coaxial DC block that prevents the flow of DC current in the frequency range of 5 MHz to 40 GHz. The DC block has a maximum insertion loss of 0.5dB, a max VSWR of 1.3:1. It is manufactured with 2.92mm male connectors for convenient circuit insertion. The breakdown voltage is +60 Volts..

Features:

- Operating Frequency 5MHz to 40GHz
- High Return Loss
- Low Cost

Applications:

- laboratory test
- Instrumentations
- System Integration

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	5MHz		40GHz	
驻波 VSWR			1.3	:1
插损 Insertion Loss			0.5	dB
击穿电压 Breakdown Voltage		60		V
阻抗 Impedance		50		Ohms

环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-55 to +165	℃
存储温度 Storage Temperature	-55 to +165	
壳体材质 Body Material	Passivated stainless steel	
内导体 Inner Conductor	Becu, Golden	
接口 Connectors	2.92mm Male	
长度 Length	17.9	mm

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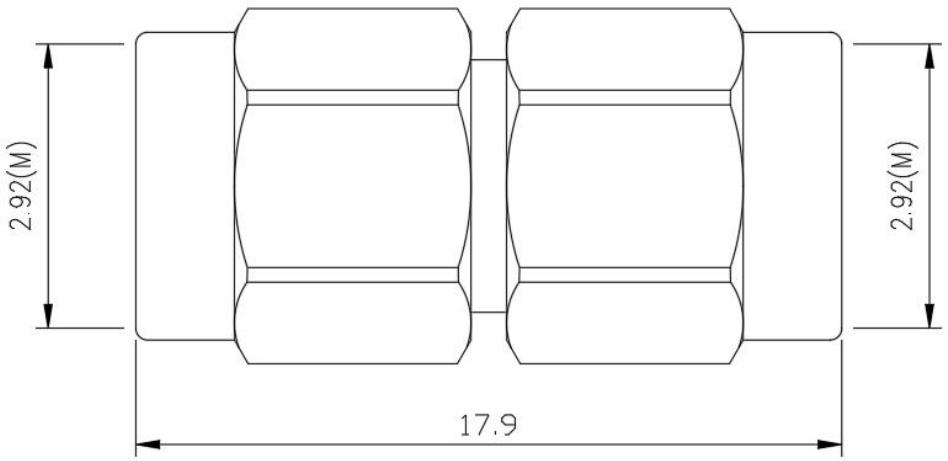
外形图 Outline Drawing:

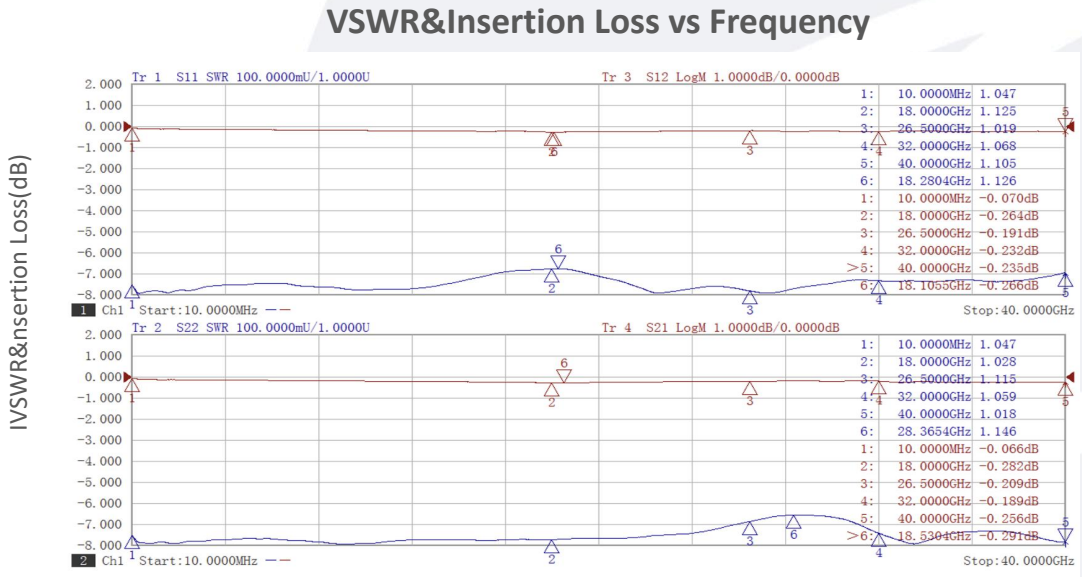
Unit:mm; Tolerance:±0.1mm



订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TDCB29M29M-2	5MHz-40GHz,60V,2.92mm Male Cryogenic Coaxial DC Block

典型曲线 Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.