泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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Adjustable Phase Shifter

DC-40GHz/2.92mm Female

Model: TLMPS-40G-50-S

TLMPS-40G-50-S is a phase shifters is adjustable passive microwave devices designed for RF applications.TLMPS-40G-50-S have a phase range of 0° to 50° and a phase adjustment of 1.2° per GHz. Maximum insertion loss for all of our adjustable phase shifters for RF is 2.5dB.

Features:

- Operating Frequency DC to 40 GHz
- High phase adjustmant accuracy
- Low insertion loss

Applications:

- laboratory test
- Communication equipment

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		40	GHz
驻波 VSWR		1.4	1.6	:1
插损 Insertion Loss		2	2.5	dB
相位调节范围 Phase adjustment range	0		50	°/GHz
相位灵敏度 Phase Sensitivity		1.2 X f(GHz)		°/Circle
群时延 Group Delay		140		ps
耐受功率 Power Handling		10		W
阻抗 Impedance		50		Ohms

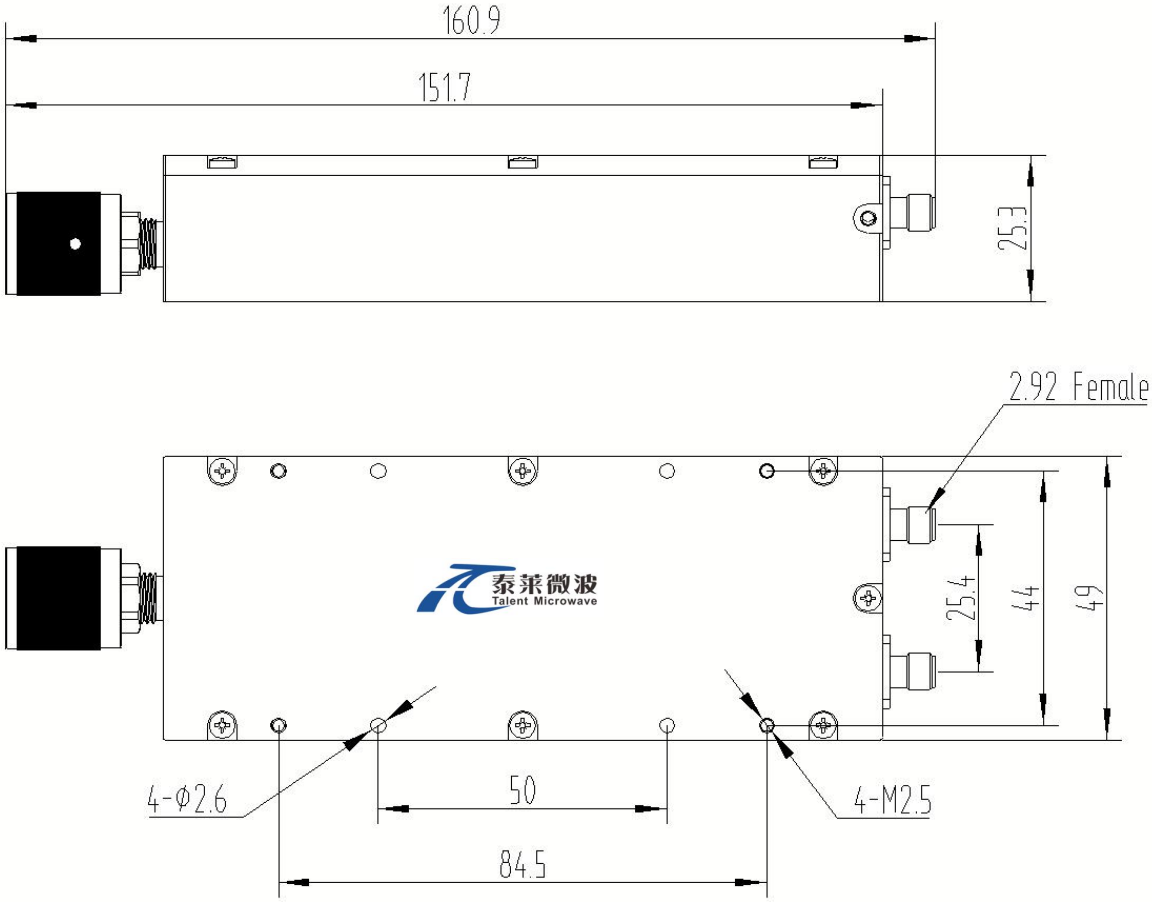
环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-55 To +85	℃
壳体材质 Body Material	Aluminum alloy anodizing	
内导体 Inner Conductor	Be-Cu, Gold plated	
接口 Connectors	2.92mm Female/2.92mm Female	
尺寸 Size	160.9*49*25.3	mm

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



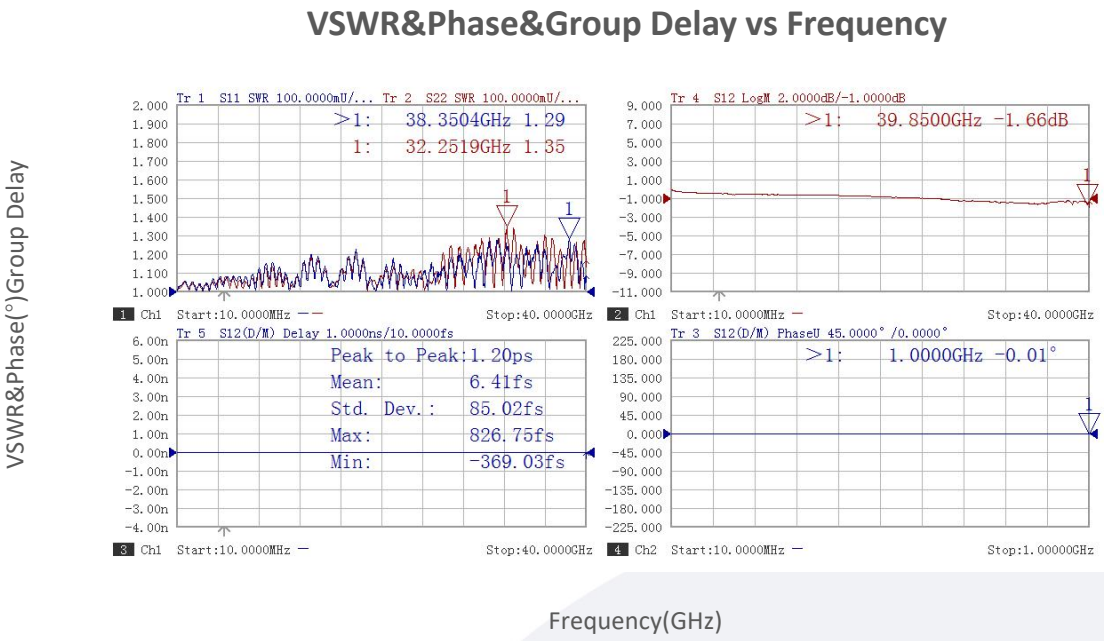
订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLMPS-40G-50-S	Adjustable Phase Shifter, DC-40GHz,Phase adjustment: 1.2° per GHz.	Rev.1.1

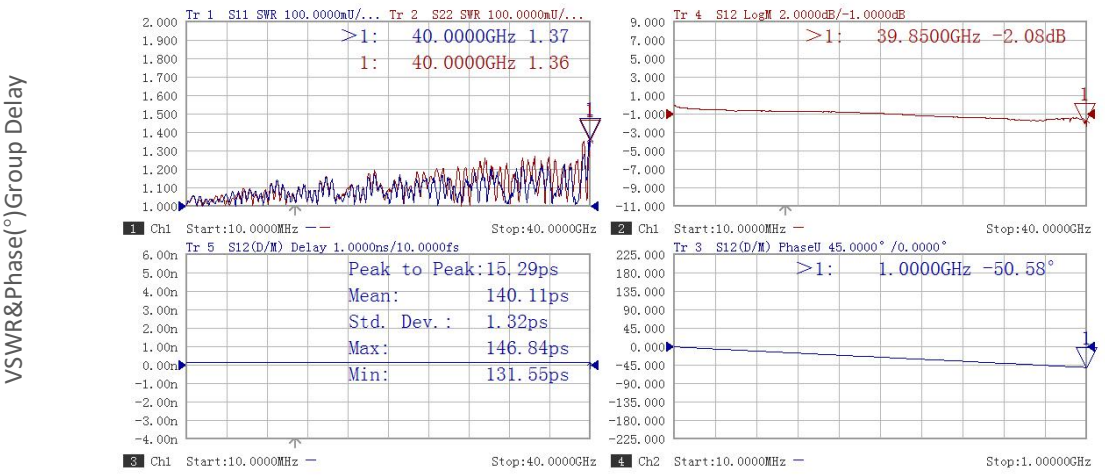
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典型曲线 Typical Performance Data:

0°：



50°：



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.