泰莱微波
Talent Microwave

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3-Way Coaxial Power Combiner

8-40GHz /1.6dB,Insertion Loss/16 dB,Isolation

Model: RS3W80400-K

The RS3W80400-K is a coaxial 3-way power combiner with insertion loss of 1.6 dB at each output port and isolation of 16 dB across the frequency range of 8 to 40 GHz. The power combiner has a forward power handling of 5 W and amplitude balance of ±0.8 dB. The VSWR for input ports is 1.8:1. The RF connectors of the power combiner are 2.92mm Female connectors.

Features:

- Ultra Wide Band:8-40 GHz
- Low Insertion Loss

Applications:

- Test Lab
- Sub-assemblies
- Test Instrumentations

电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
频率范围 Frequency range		8-40			GHz
插损 Insertion Loss				1.6 (excluded theoretical 4.8dB)	dB
幅度平衡 Amplitude Balance				±0.8	dB
相位平衡 Phase Balance				±8	°
端口隔离 Port Isolation		16			dB
耐受功率 Power Handling	正向功率 Forward power			5	W
	反向功率 Reverse power			0.1	W
输入驻波 Input VSWR				1.8	:1
输出驻波 Output VSWR				1.6	:1
阻抗 Impedance		50			Ohms

机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
输入/输出接口 Input /Output Connector	2.92mm Female/2.92mm Female	
尺寸 Size	39*28*10	mm
重量 Weight	/	g

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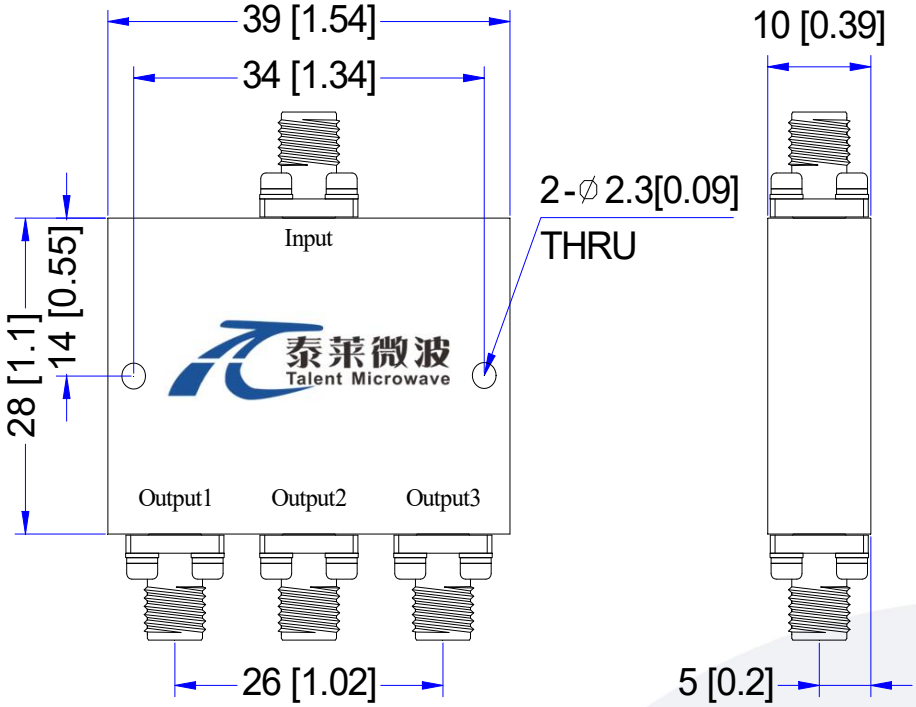
外形图 Outline Drawing:

Unit:mm(inches)





订货信息 Ordering Information:

标准型号 Base Number	描述 Desciption	版本号 Revision
RS3W80400-K	3-Way Coaxial Power combiner, 8-40GHz, Insertion loss:1.6dB Max; Port Isolation:16 dB Min	Rev.1.1