

Coaxial Bandpass Filter

35.45-37.85 GHz/2.92mm

Model: TLBF-35G45-37G85-K

TLBF-35G45-37G85-K is a coaxial bandpass filter with a passband frequency from 35.45 to 37.85 GHz and a center frequency is 36.65 GHz. The nominal insertion loss of the filter is 5.1 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 35.45 to 37.85 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

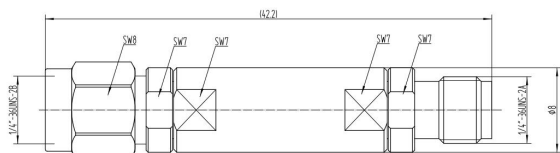
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	35.45		37.85	GHz
通带插损 Passband Insertion Loss		5.1		dB
带内波动 Pass Band Ripple		±1.4		dB
带外抑制 Rejection	40@32.6GHz&38.8GHz			dB
耐受功率 Power Handling		1		W
回波损耗 Return Loss		15		dB
阻抗 Impedance	50			Ohms

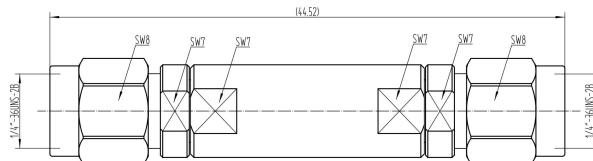
环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-55 To +125	℃
存储温度 Storage Temerature	-65 to +150	℃
接口 Connectors	2.92mm	
重量 Weight	/	g

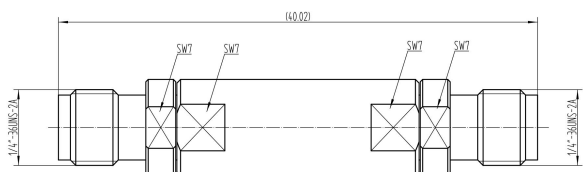
外形图 Outline Drawing: Unit:mm



TLBF-35G45-37G85-K



TLBF-35G45-37G85-MM



TLBF-35G45-37G85-FF



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-35G45-37G85-K	Coaxial Bandpass Filter, Passband frequency range: 35.45-37.85GHz, Passband Insertion Loss: 5.1dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLBF-35G45-37G85-MM	Coaxial Bandpass Filter, Passband frequency range: 35.45-37.85GHz, Passband Insertion Loss: 5.1dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLBF-35G45-37G85-FF	Coaxial Bandpass Filter, Passband frequency range: 35.45-37.85GHz, Passband Insertion Loss: 5.1dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1