

Coaxial Bandpass Filter

1.3-2.3 GHz/2.92mm

Model: TLBF-1G3-2G3-K

TLBF-1G3-2G3-K is a coaxial bandpass filter with a passband frequency from 1.3 to 2.3 GHz and a center frequency is 1.8 GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 32 dB.

Features:

- Passband Frequency Range 1.3 to 2.3 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

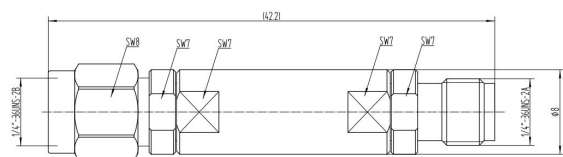
Parameter	Min	Typ	Max	单位 Units
Passband Frequency range	1.3		2.3	GHz
Passband Insertion Loss		2.0		dB
Pass Band Ripple		±1.1		dB
Rejection	32@1.1GHz&2.6GHz			dB
Power Handling		1		W
Return Loss		17		dB
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

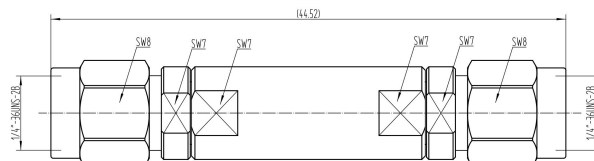
Description	Parameter	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-65 to +150	°C
Connectors	2.92mm	
Weight	/	g

Outline Drawing:

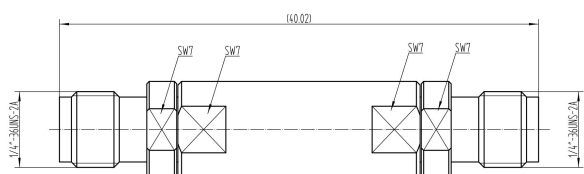
Unit:mm



TLBF-1G3-2G3-K



TLBF-1G3-2G3-MM



TLBF-1G3-2G3-FF



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

Ordering Information:

Base Number	Description	Revision
TLBF-1G3-2G3-K	Coaxial Bandpass Filter, Passband frequency range: 1.3-2.3GHz, Passband Insertion Loss: 2.0dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination	Rev.1.1
TLBF-1G3-2G3-MM	Coaxial Bandpass Filter, Passband frequency range: 1.3-2.3GHz, Passband Insertion Loss: 2.0dB, 2.92mm Male Coaxial Fixed Termination	Rev.1.1
TLBF-1G3-2G3-FF	Coaxial Bandpass Filter, Passband frequency range: 1.3-2.3GHz, Passband Insertion Loss: 2.0dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1