Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Coaxial Low-pass Filter

DC-30GHz/2.92mm Female

Model: TLLF-DC-30G-X

TLLF-DC-30G-X is a coaxial low-pass filter with a passband frequency from 0 to 30GHz and a rejection frequencies are 30dB@32-33GHz and 40dB@33GHz. The maximum insertion loss of the filter is 1.8 dB.

Features:

- Passband Frequency Range DC to 30GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Passband Frequency range		DC		30	GHz
Passband Insertion Loss				1.8	dB
Pass Band Ripple				1.6	dB
Rejection	@32-33GHz	30			dB
	@33GHz	40			dB
Power Handling				15	W
VSWR				1.8	:1
Impedance		50			Ohms

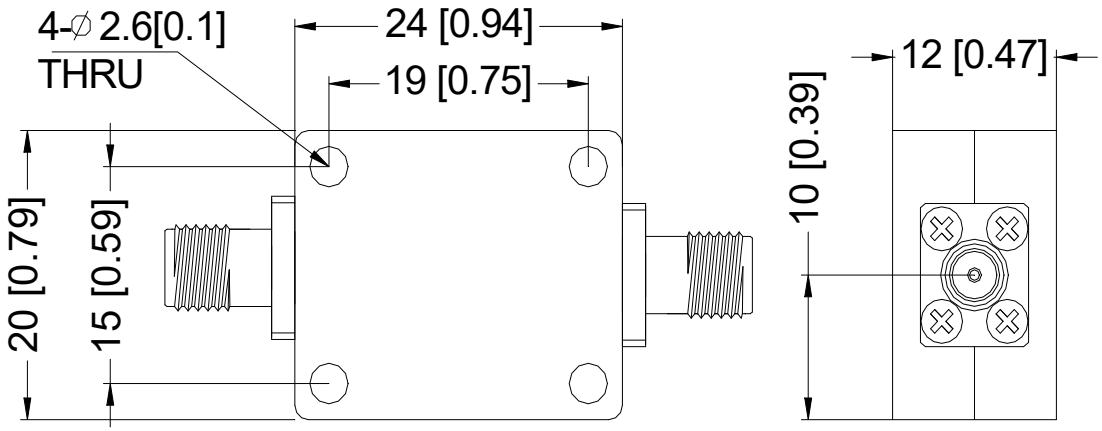
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	℃
Storage Temerature	-40 to +70	℃
Connectors	2.92mm Female	

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Outline Drawing:

Unit:mm



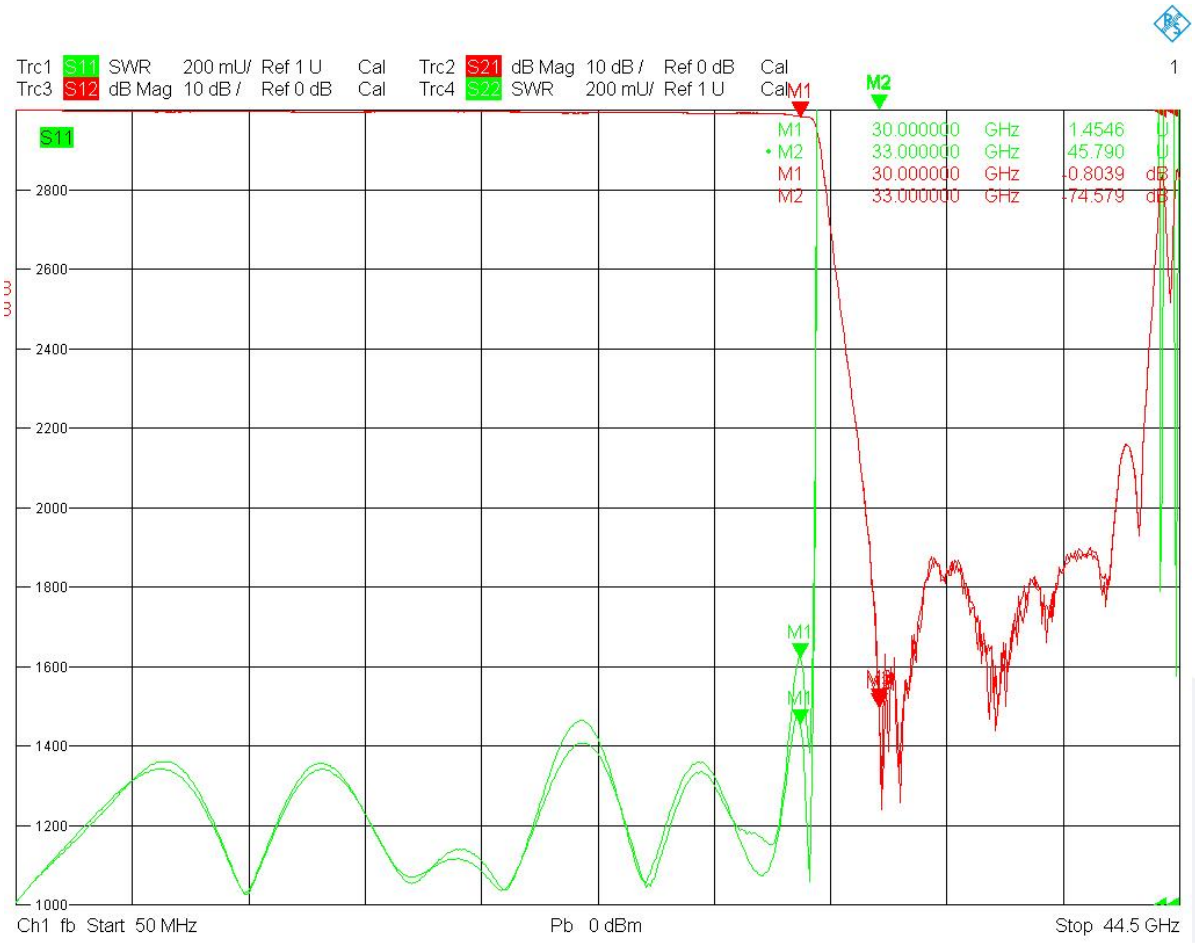
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLLF-DC-30G-X	Coaxial Low-pass Filter,Passband frequency range:DC-30GHz,Passband Insertion Loss:1.8dB, 2.92mm Female	Rev.1.0

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

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.