

Coaxial Band-pass Filter

34.45-34.65GHz/ 2.92 Female

Model: TLBF-34G45-34G65-A

TLBF-34G45-34G65-A is a coaxial band-pass filter with a passband frequency from 34.45 to 34.65GHz and a rejection frequencies from 37 to 40GHz. The nominal insertion loss of the filter is 3.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 34.45 to 34.65Hz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

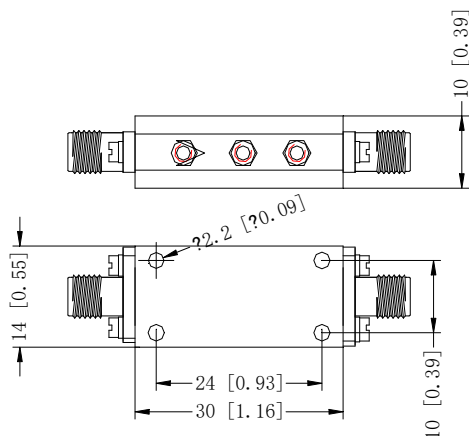
Parameter		Min	Typ	Max	Units
Passband Frequency range		34.5		34.6	GHz
Passband Insertion Loss				3.0	dB
Pass Band Ripple				2.8	dB
Rejection	@32.55&36.55GHz	10			dB
	@29.55&39.55GHz	30			
	37-40	30			
Power Handling				50	W
Input VSWR				1.8	:1
Output VSWR				1.8	:1
Impedance		50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	2.92 Female	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-34G45-34G65-A	Coaxial Band-pass Filter, Passband frequency range: 34.45 to 34.65GHz, Passband Insertion Loss: 3.0dB, 2.92 Female	Rev.1.0