

Coaxial Band-pass Filter

2.846-2.854GHz/ SMA Female

Model: TLBF-2G85-8M-E

TLBF-2G85-8M-E is a coaxial band-pass filter with a passband frequency from 2.846 to 2.854GHz and a rejection frequencies at 2.8GHz and 2.9GHz. The nominal insertion loss of the filter is 2.8dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range: 2.846 to 2.854GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	2.846		2.854	GHz
Insertion Loss(f0)			2.8	dB
Pass Band Ripple			2.6	dB
Rejection	> 40dB@fo±50MHz			dB
Power Handling			50	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm;



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

Ordering Information:

Base Number	描述 Description	Revision
TLBF-2G85-8M-E	Coaxial Band-pass Filter,Passband frequency range:2.846 to 2.854GHz, Insertion Loss (fo) :2.8dB, SMA Female	Rev.1.0