

Coaxial Band-stop Filter

Stopband: 4.81-4.95GHz

Model: TLRf-4810M-4590M-E

TLRF-4810M-4590M-E is a coaxial band-stop filter with a stop band frequency from 4.81 to 4.95 GHz and a pass band frequency from DC to 4.76GHz and 5 to 11GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 50 dB.

Features:

- Stopband Frequency Range 4.81 to 4.95GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communication Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

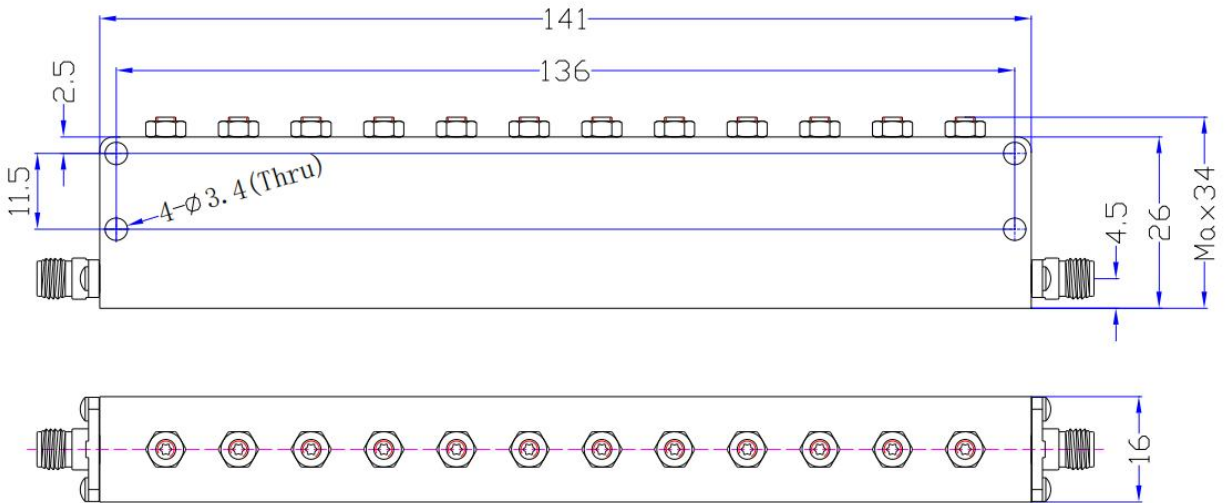
Parameter	Min	Typ	Max	Units
Stopband Frequency rang	4.81		4.95	GHz
Passband Frequency range	DC-4.76 & 5-11			GHz
Stopband Rejection	50			dB
Passband Insertion Loss		1.5	2	dB
Passband VSWR			1.7	:1
Power Handling			20	W
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-30 to +70	°C
Input /Output Connector	SMA-Female/SMA-Female	
Size	141*26*16	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLRF-4810M-4590M-E	Coaxial Band-stop Filter, Stopband: 4.81-4.95GHz, Passband: DC-4.76GHz & 5-11GHz, Stopband rejection: 50dB Min	Rev.1.0