

Coaxial Band-pass Filter

630-700 MHz/SMA Female

Model: TLBF-630M-700M-E

TLBF-630M-700M-E is a coaxial band-pass filter with a passband frequency from 630 to 700 MHz and a rejection frequencies from DC to 580 MHz and point at 750 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 630 to 700 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

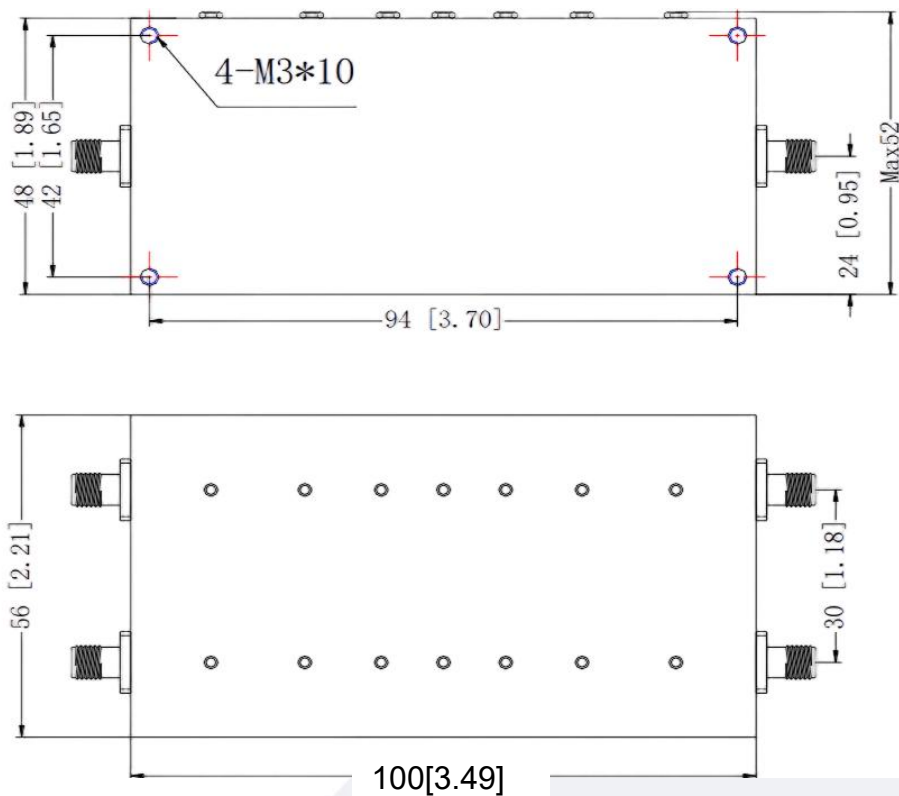
Parameter	Min	Typ	Max	Units
Passband Frequency range	630		700	MHz
Band Width			70	MHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.9	dB
VSWR			1.5	:1
Rejection@DC-580MHz&750MHz	40			dB
Power Handling			15	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	48*56*100	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-630M-700M-E	Coaxial Band-pass Filter, Passband frequency range: 630-700MHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0