

1. Features

- RF Ceramic Bandpass Filter
- Usable bandwidth 100 MHz at Fc 4770 MHz
- RoHS Compliant

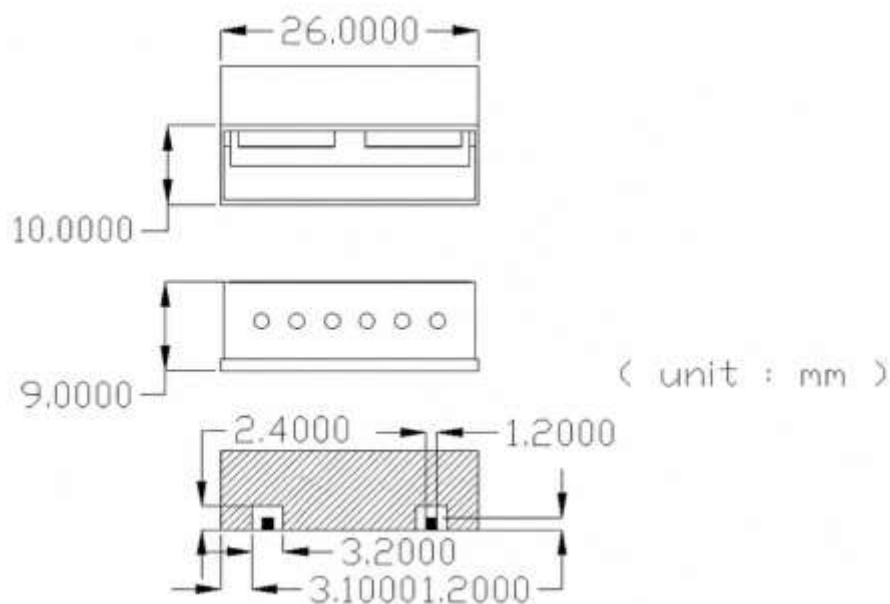
RoHS/RoHS2
(2015/863/EU) Compliant

2. Preliminary Electrical Specifications

		Minimum	Typical	Maximum
Center Frequency (Fc)	MHz		4770	
Insertion Loss (4720 - 4820 MHz)	dB	-	-	2.5
Ripple (4720 - 4820 MHz)	dB	-	1.2	1.5
Return Loss (4720 - 4820 MHz)	dB	15	18	-
Attenuation (@edge ±100 MHz)	dB	20	25	
Attenuation (@4470 MHz)	dB	50	55	
Input/Output Impedance	Ohm		50	-
Operating Temperature Range	°C	-30		+85
Average Power	Watt			5

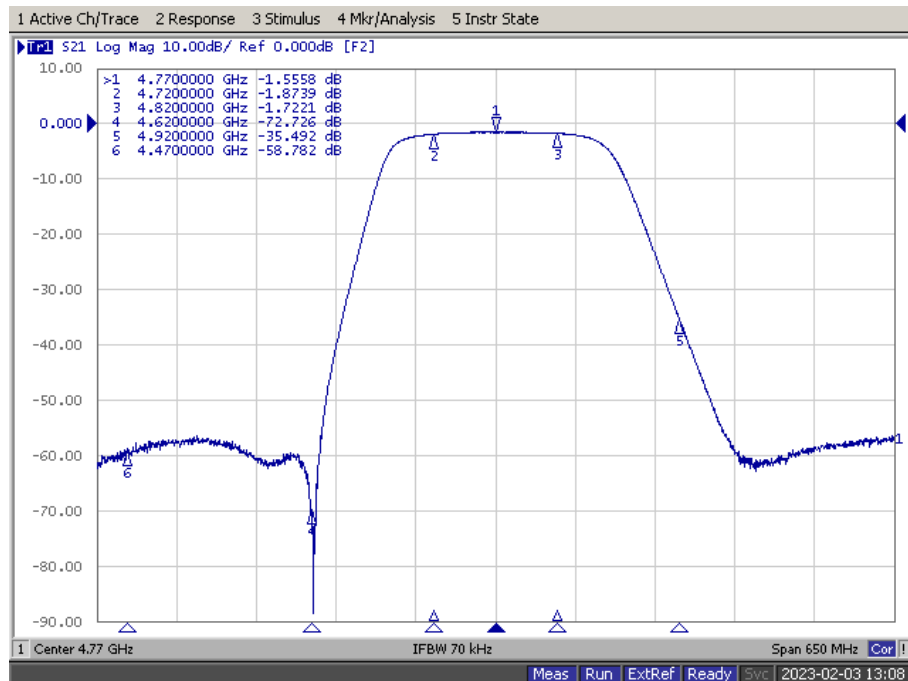
- * All specifications are based on simulation data and ITF reserves the right to amend the specification once sample filters are produced.
- * Actual electrical characteristics may vary due to user's PCB layout and parasitic.
- * Ref. FD3D sim.

3. Dimension (26 × 10 × 9 mm)

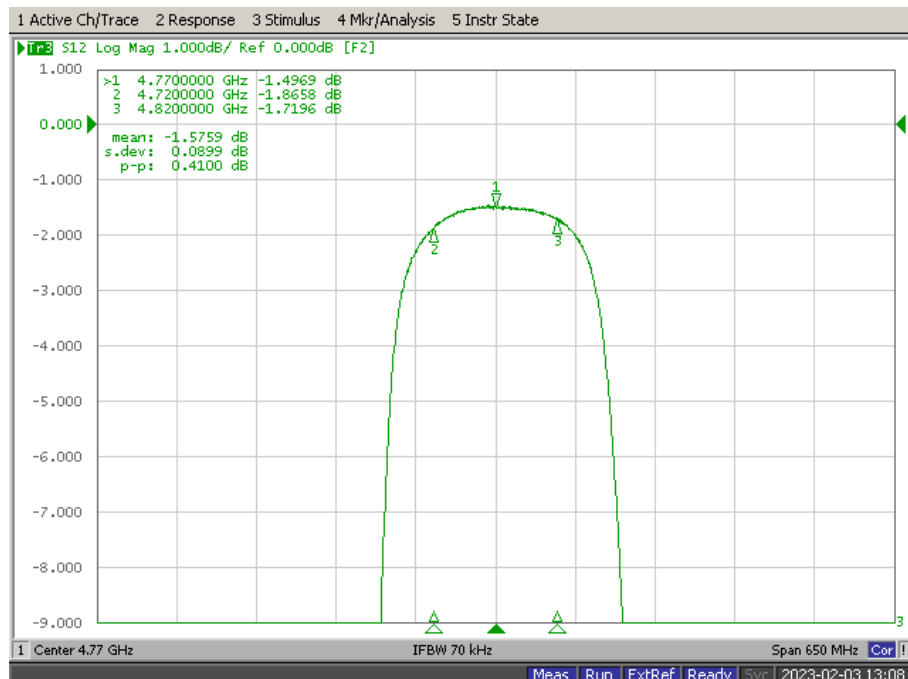


4. Reference Frequency Response (at 25°C)

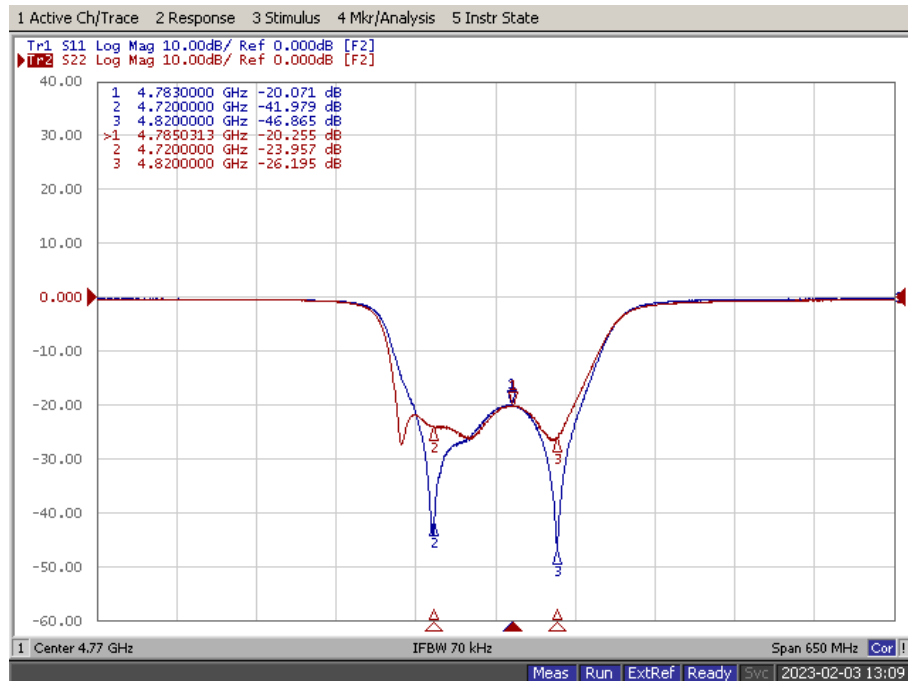
- Insertion loss & Attenuation



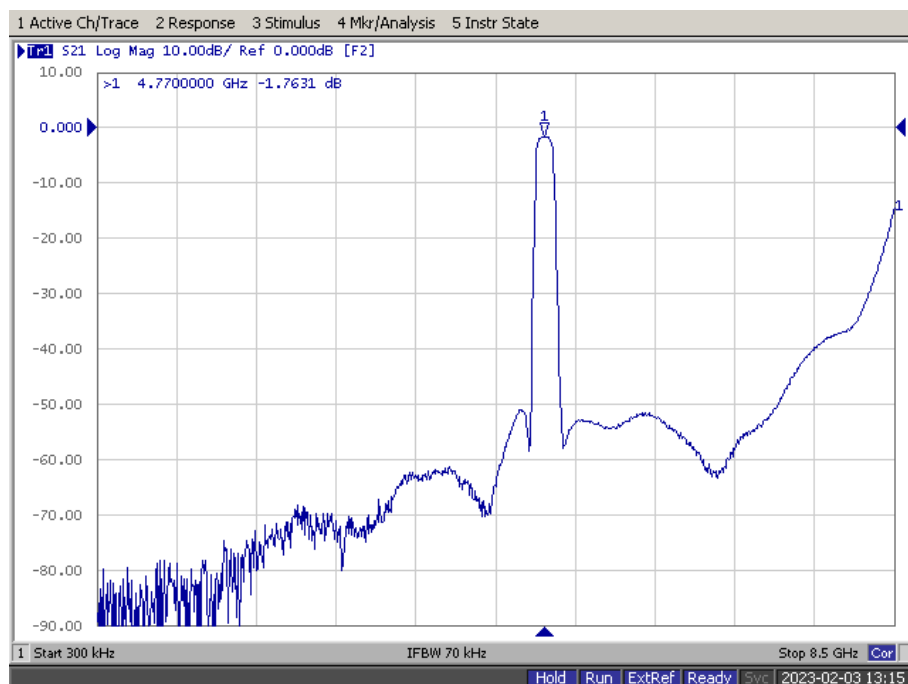
- Passband Ripple



- Return Loss



- Wideband Attenuation



- Product picture

