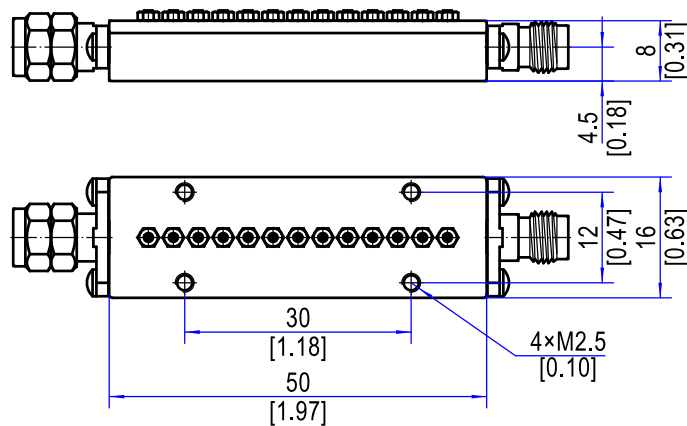


## YSCVBP5-39R75-4R9-2

37.3-42.2 GHz Cavity Band Pass Filter, 5 W, 2.4 mm Connector

Electrical Specifications		
1	Pass Band Frequency	37.3-42.2 GHz
2	Center Frequency(F0)	39.75 GHz
3	Insertion Loss	≤1.1 dB(Typical: ≤1.0 dB)
4	Return Loss	≥18 dB(Typical: ≥20 dB)
5	Pass Band Ripple	≤0.3 dB
6	Stop band Rejection	≥80 dB @ DC-34.95 GHz ≥60 dB @ 44.2-44.95 GHz ≥80 dB @ 44.95-58.5 GHz
7	Power Handling	≤5 W
8	Impedance	50 Ω
Environmental Characteristics		
1	Operating Temperature	-40°C to +85°C
Mechanical Characteristics		
1	Connectors	2.4 mm Female to 2.4 mm Male
2	Surface Finishing	Black Painted Finish
3	Dimensions <sup>1</sup>	50*16*8 mm / [1.97*0.63*0.31 in]
4	weight	52 g

### Outline Drawing (Units: mm/[inch], Tolerance: ±0.3 mm)



Note 1: Excluding Connectors