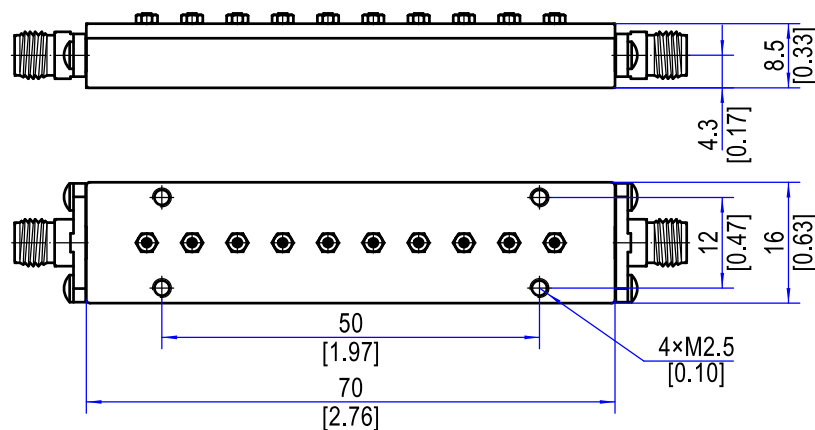


## YSCVBP5-20R25-R5-S

20-20.5 GHz Cavity Band Pass Filter, 5 W, SMA Connector

Electrical Specifications		
1	Pass Band Frequency	20-20.5 GHz
2	Center Frequency(F0)	20.25 GHz
3	Insertion Loss @ F0	≤1.4 dB
4	Return Loss @ F0	≥23 dB
5	Pass Band Ripple	≤0.3 dB
6	Group Delay Variation	≤0.75 ns
7	Stop band Rejection	≥80 dB @ DC-19.4 GHz ≥40 dB @ 19.4-19.67 GHz ≥40 dB @ 20.83- 21.13 GHz ≥80 dB @ 21.13- 47 GHz
8	Power Handling	≤5 W
9	Impedance	50 Ω
Environmental Characteristics		
1	Operating Temperature	-30°C to +70°C
Mechanical Characteristics		
1	Connectors	SMA Female
2	Surface Finishing	Black Painted Finish
3	Dimensions <sup>1</sup>	70*16*8.5 mm / [2.76*0.63*0.33 in]
4	weight	70 g

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



Note 1: Excluding Connectors