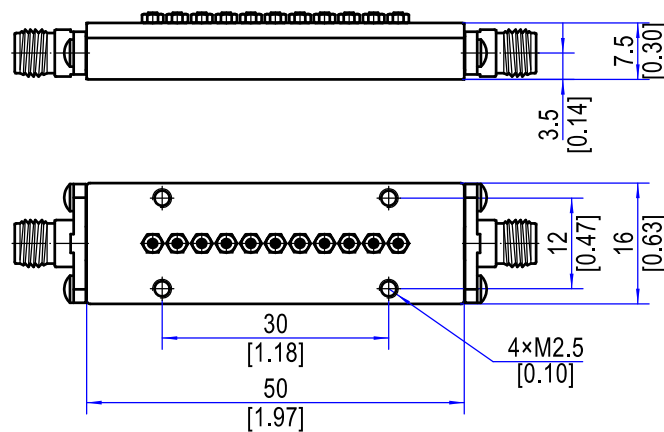


## YSCVBP5-28-R2-K

27.9-28.1 GHz Cavity Band Pass Filter, 5 W, 2.92 mm Connector

Electrical Specifications		
1	Pass Band Frequency	27.9-28.1 GHz
2	Center Frequency(F0)	28 GHz
3	Insertion Loss	≤2.0 dB
4	Return Loss	≥20 dB
5	Pass Band Ripple	≤0.33 dB
6	Stop band Rejection	≥80 dB @ DC-27.2 GHz ≥55 dB @ 27.2-27.5 GHz ≥55 dB @ 28.5-28.8 GHz ≥80 dB @ 28.8-47 GHz
7	Power Handling	≤5 W
8	Impedance	50 Ω
Environmental Characteristics		
1	Operating Temperature	-30°C to +70°C
Mechanical Characteristics		
1	Connectors	2.92 mm Female
2	Surface Finishing	Black Painted Finish
3	Dimensions <sup>1</sup>	50*16*7.5 mm / [1.97*0.63*0.30 in]
4	weight	47 g

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



Note 1: Excluding Connectors