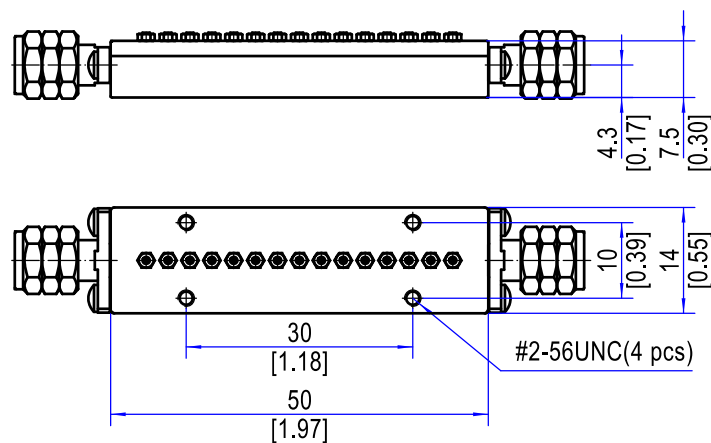


## YSCVBP5-49R8-5R6-V

47-52.6 GHz Comb Band Pass Filter, 5 W, 1.85 mm Connector

Electrical Specifications		
1	Pass Band Frequency	47-52.6 GHz
2	Center Frequency(F0)	49.8 GHz
3	Insertion Loss	≤1.4 dB
4	Return Loss	≥17 dB(Typical: ≥18 dB)
5	Pass Band Ripple	≤0.35 dB(Typical: ≤0.3 dB)
6	Stop band Rejection	≥90 dB @ DC-43.8 GHz ≥55 dB @ 43.8-45 GHz ≥40 dB @ 54.6-56.25 GHz ≥80 dB @ 56.25-70 GHz
7	Power Handling	≤5 W
8	Impedance	50 Ω
Environmental Characteristics		
1	Operating Temperature	-40°C to +85°C
Mechanical Characteristics		
1	Connectors	1.85 mm male
2	Surface Finishing	Black Painted Finish
3	Dimensions <sup>1</sup>	50*14*7.5 mm / [1.97*0.55*0.30 in]
4	weight	43 g

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



Note 1: Excluding Connectors