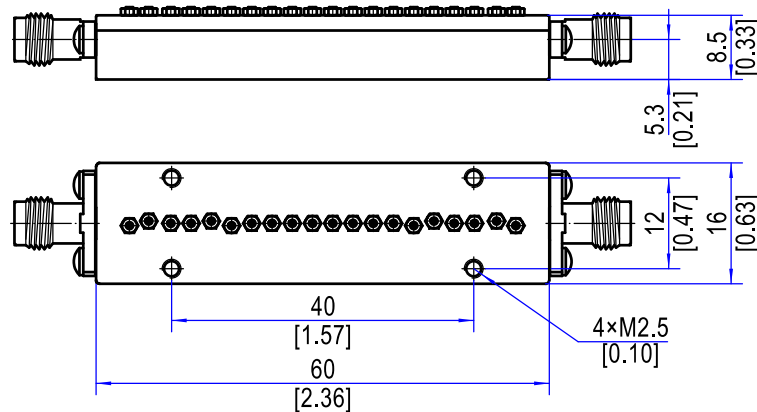


## YSCVBP5-44-18-2

35-53 GHz Comb Band Pass Filter, 5 W, 2.4 mm Connector

Electrical Specifications		
1	Pass Band Frequency	35-53GHz
2	Center Frequency(F0)	44 GHz
3	Insertion Loss	≤1.1 dB
4	Return Loss	≥16 dB
5	Pass Band Ripple	≤0.55 dB
6	Stop band Rejection	≥80 dB @ DC-32.5 GHz ≥30 dB @ 32.5-34 GHz ≥10 dB @ 54-58.5 GHz
7	Power Handling	≤5 W
8	Impedance	50 Ω
Environmental Characteristics		
1	Operating Temperature	-30°C to +70°C
Mechanical Characteristics		
1	Connectors	2.4 mm Female
2	Surface Finishing	Black Painted Finish
3	Dimensions <sup>1</sup>	60*16*8.5 mm / [2.36*0.63*0.33 in]
4	weight	61 g

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



Note 1: Excluding Connectors