

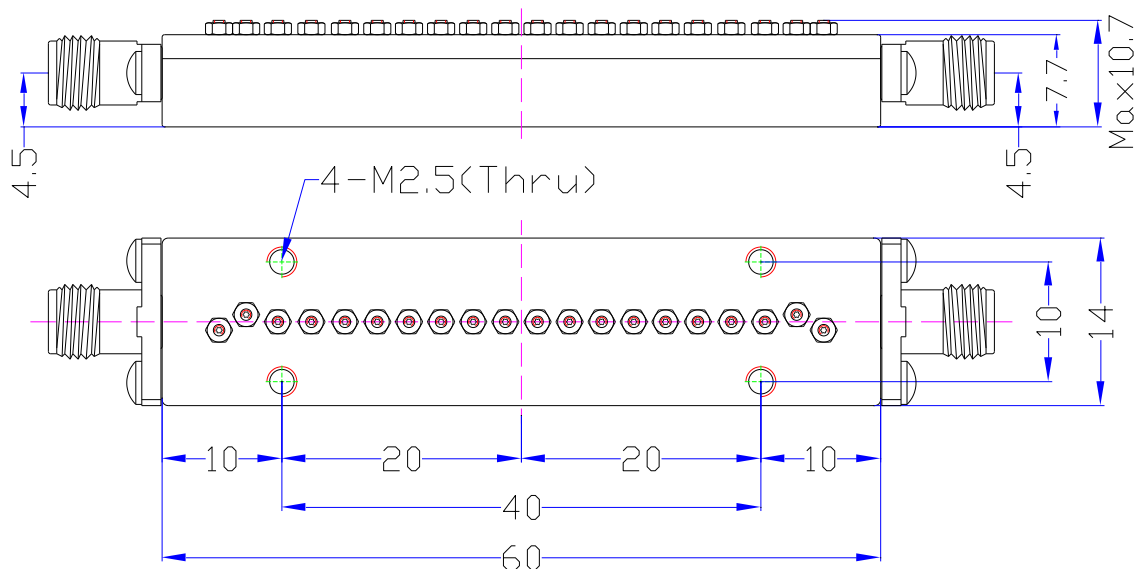
WT-A12353-S20

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	33.25GHz
2	Pass Band Frequency	26.5 ~ 40GHz **
3	Pass Band Insertion Loss	≤1.05dB
4	Pass Band Ripple	≤0.47dB
5	Pass Band Return Loss	≥17dB (Typical: ≥18dB)
6	Stop Band Rejection	≥80dB @ DC ~ 24.2GHz ≥45dB @ 24.2 ~ 25.2GHz ≥35dB @ 41.3 ~ 42.6GHz ≥80dB @ 42.6 ~ 57.5GHz
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	2.92mm(K)-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	60*14*7.7mm
14	Net weight	0.047 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.