

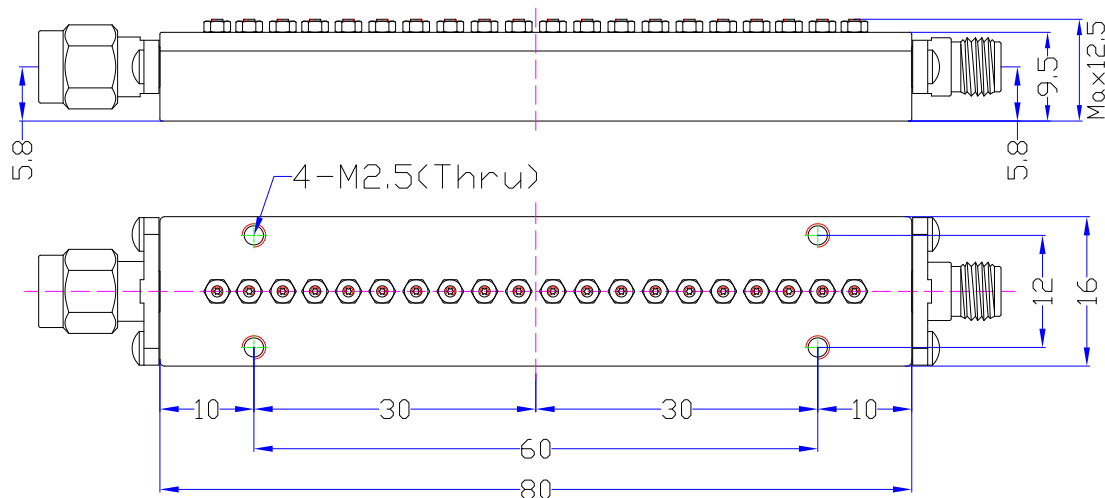
WT-A10351-S20

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	19500MHz
2	0.5dB Pass Band Bandwidth	4000MHz (17500 ~ 21500MHz) **
3	Pass Band Insertion Loss	≤1.1dB
4	Pass Band Ripple	≤0.35dB @ 17900 ~ 21100MHz ≤0.5dB @ 17500 ~ 21500MHz
5	Pass Band Return Loss	≥20dB (Input / Output)
6	Group Delay	≤2.7ns @ peak-peak in the range of 17500 ~ 21500MHz
7	Group Delay Flatness	≤0.6ns @ peak-peak in the range of 17900 ~ 21100MHz ≤1.3ns @ peak-peak in the range of 17500 ~ 21500MHz
8	Stop Band Rejection	≥80dB @ DC ~ 16600MHz ≥50dB @ 22150 ~ 22350MHz ≥50dB @ 16600 ~ 16900MHz ≥80dB @ 22350 ~ 34000MHz
9	Impedance	50 Ohms
10	Power Handling	5.0W Max.
11	Connectors	2.92mm(K)-Male / 2.92mm(K)-Female
12	Surface Finish	Painted Black
13	Temperature Range	-40°C ~ +80°C
14	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
15	Dimensions	80*16*9.5mm
16	Net weight	0.09 KG

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



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