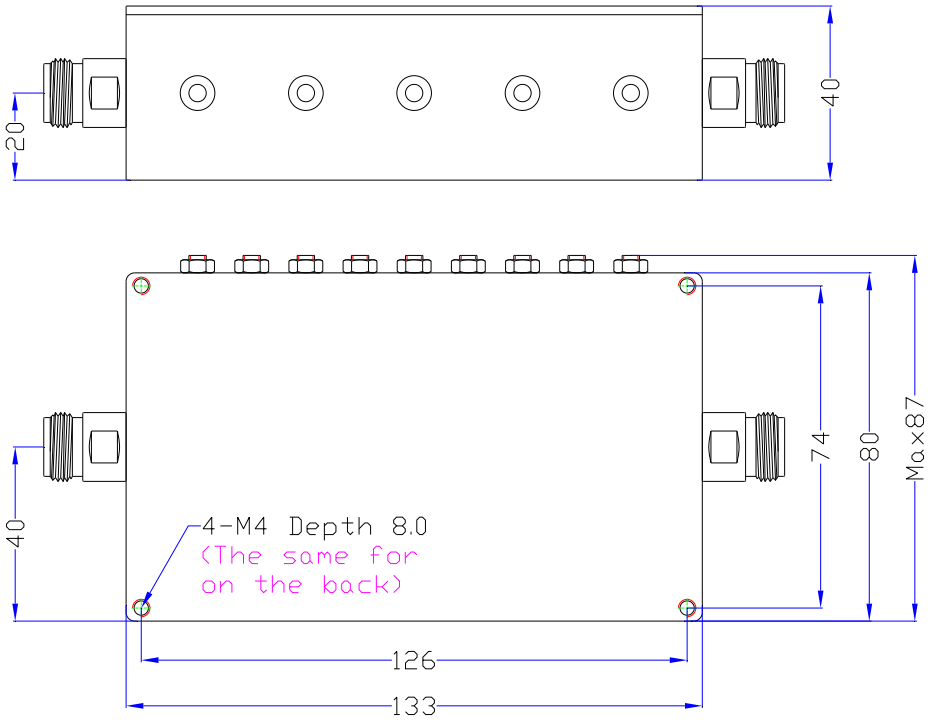
WT-A7971-Q05

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	462.5MHz	
2	Pass Band Frequency	437 ~ 488MHz	
3	Pass Band Insertion Loss	≤0.5dB	
4	Pass Band Ripple	≤0.2dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥60dB @ DC ~ 275MHz	≥70dB @ 650 ~ 1500MHz
7	Impedance	50 Ohms	
8	Power Handling	50W Max.	
9	Connectors	N-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30℃ ~ +70℃	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
13	Dimensions	133*80*40mm	
14	Net weight	0.506 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)