

Cavity Filter

ACF12.44G13.64GS12

Revision record

Date	Version	Author	Revision description	Comment
2024/09/06	V1.0	Sam	Created	/

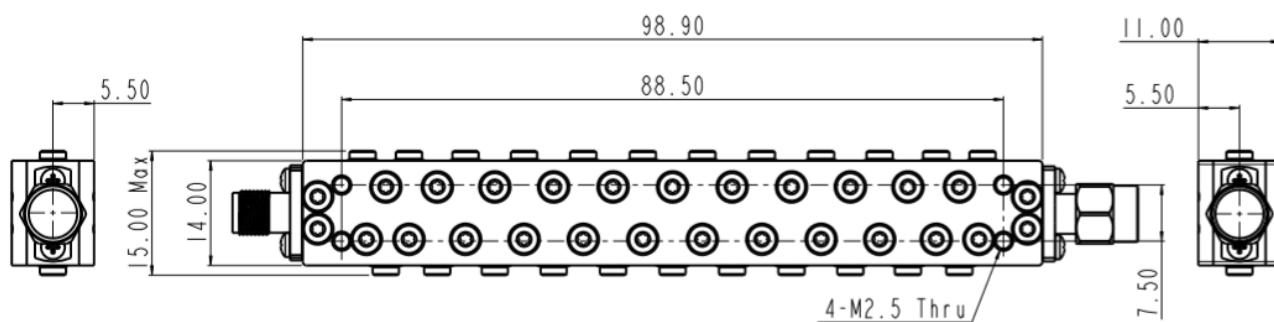
Electrical specification

Parameter	Specification	
Frequency range	12440-13640MHz	
Insertion loss	≤1.0dB	
Passband Insertion loss Variation	≤0.2 dB peak-peak in any 80MHz interval	
	≤0.5 dB peak-peak in the range of 12490-13590MHz	
Return loss	≥18dB	
Rejection	≥80dB@DC-11650MHz	≥80dB@14430-26080MHz
Group delay Variation	≤1 ns peak-peak within any 80 MHz interval, in the range of 12490-13590MHz.	
Power Handling	2W	
Temperature range	-30°C to +70°C	
Impedance	50Ω	

Mechanical specification

Parameter	Specification	
Dimension	L x W x H: 98.9mm x 11mm x 15mm	
Connectors	SMA-Female	SMA-Male
Finish	Black (paint spraying)	
Notes	Material shall be RoHS 6/6	

Outline



Simulation curve

