

Cavity Filter

ACF27.485G31.315GS13

Revision record

Date	Version	Author	Revision description	Comment
2025/06/16	V1.0	Sam	Created	/

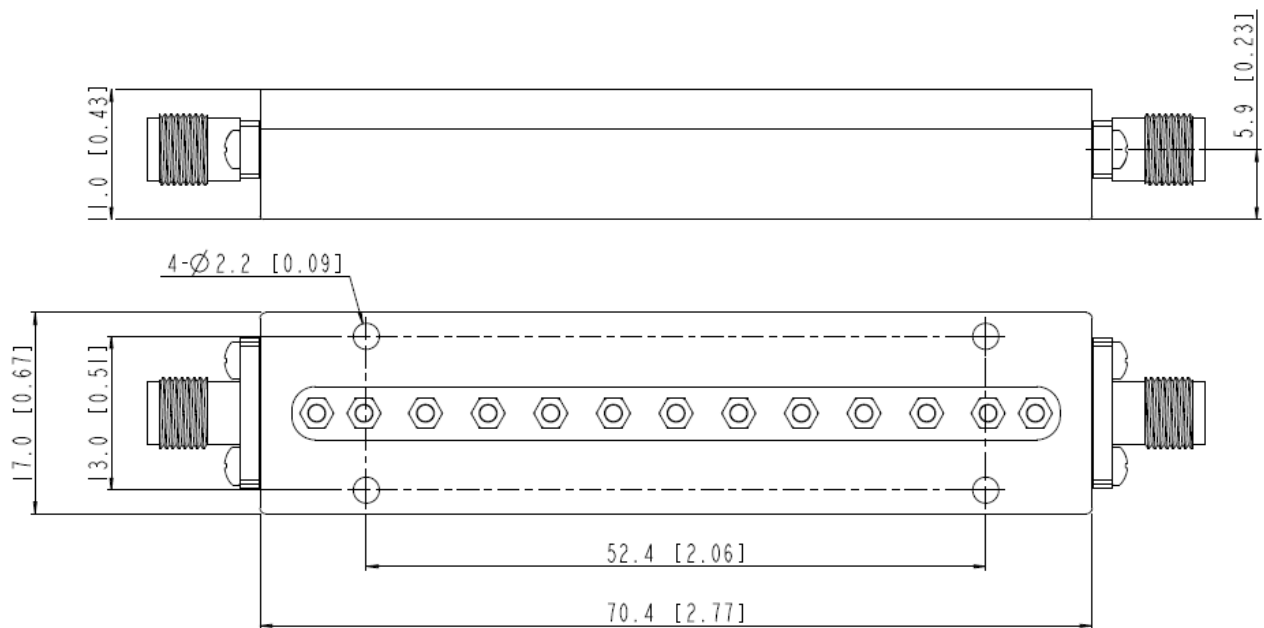
Electrical specification

Parameter	Specification	
Frequency range	27.485-31.315GHz	
Insertion loss	≤2.0dB	
VSWR	≤1.5:1	
Rejection	≥60dB@26GHz	≥50dB@32.3GHz
Average Power	0.5W min	
Operating temperature	-40 to+70°C	
Non-operating temperature	-55 to+85°C	
Impedance	50Ω	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 70.4mm x 17mm x 11mm
Connectors	2.92mm_Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

