

Cavity Filter

ACF26.95G31.05G30S2

Revision record

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

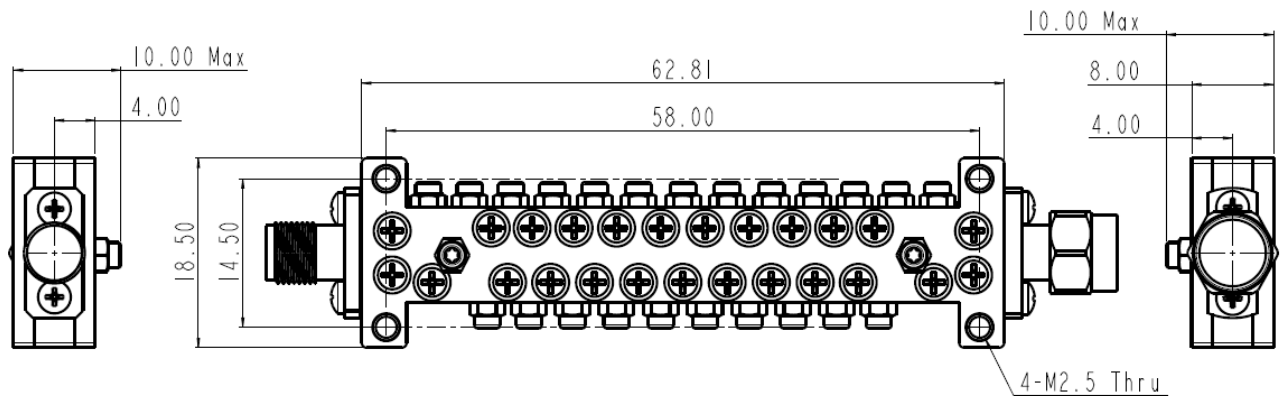
Electrical specification

Parameter	Specification
Frequency Band	26950-31050MHz
Return Loss	≥18dB
Insertion loss	≤1.5dB
Insertion loss variation	≤0.3dB peak-peak in any 80MHz interval ≤0.6dB peak-peak in the range of 27000-31000MHz
Rejection	≥50dB @ DC-26000MHz ≥30dB @ 26000-26500MHz ≥30dB @ 31500-32000MHz ≥50dB @ 32000-50000MHz
Group delay variation	≤1ns peak-peak in any 80 MHz interval, in the range of 27000-31000MHz
Impedance	50 Ohm
Temperature range	-30°C to +70°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 62.81mm x 18.5mm x 10.0mm(Max)
Port connectors	2.92-Female / 2.92-Male
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

