

Cavity Filter

ACF13.75G14.5G30S1

Revision record

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

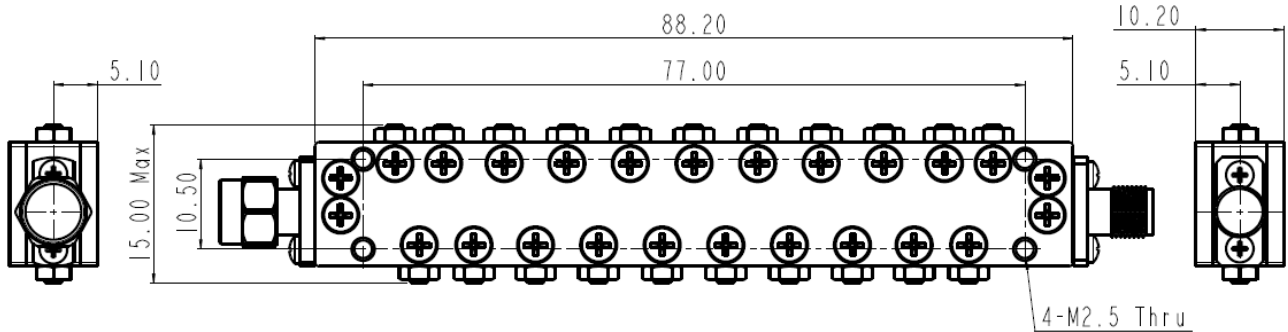
Electrical specification

Parameter	Specification
Frequency Band	13750-14500MHz
Return Loss	≥18dB
Insertion loss	≤1.5dB
Insertion loss variation	≤0.4dB peak-peak in any 80MHz interval within signal bw ≤1.0dB peak-peak within signal bw
Rejection	≥70dB @ DC-12800MHz ≥30dB @ 14700-15450MHz ≥70dB @ 15450MHz
Group delay variation	≤1ns peak-peak in any 80 MHz interval within signal bw
Impedance	50 Ohm
Temperature range	-30°C to +70°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 88.2mm x 15.0mm (Max) x 10.2mm
Port connectors	SMA-Female / SMA-Male
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

