



ANATECH MICROWAVE COMPANY

Manufacturer & Supplier of RF & MW Filters

Cavity Bandpass Filter



Part Number: AB906B473

Item	RX SPEC from customer	Evaluation result
Pass bandwidth (=PB)	898-915MHz	ok
Insertion loss @ PB	0.5dB typ, 1dB max on edge	ok
Ripple @ PB	minimized	0.7dB
Rejection	47dB min @≤ 894MHz	
	47dB min @≥ 925MHz	47dB min(Fail)
TX/RX isolation	80dB min	
Group delay		≤ 300 ns @ PB
Connectors	SMA	ok
Sealing		Indoor/ Outdoor Application
Size	See Outline Drawing	

Note:

1) For RX channel, rejection could be reached up to 47dB according to design result based on the Q valued of 5000.

2) The evaluation condition is at room temp.



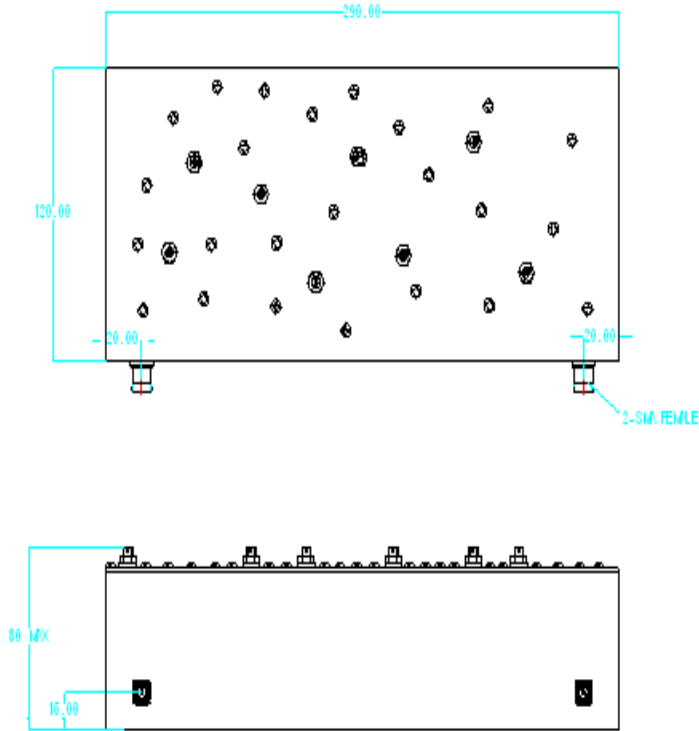
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Outline Drawing



Simulation Curve

