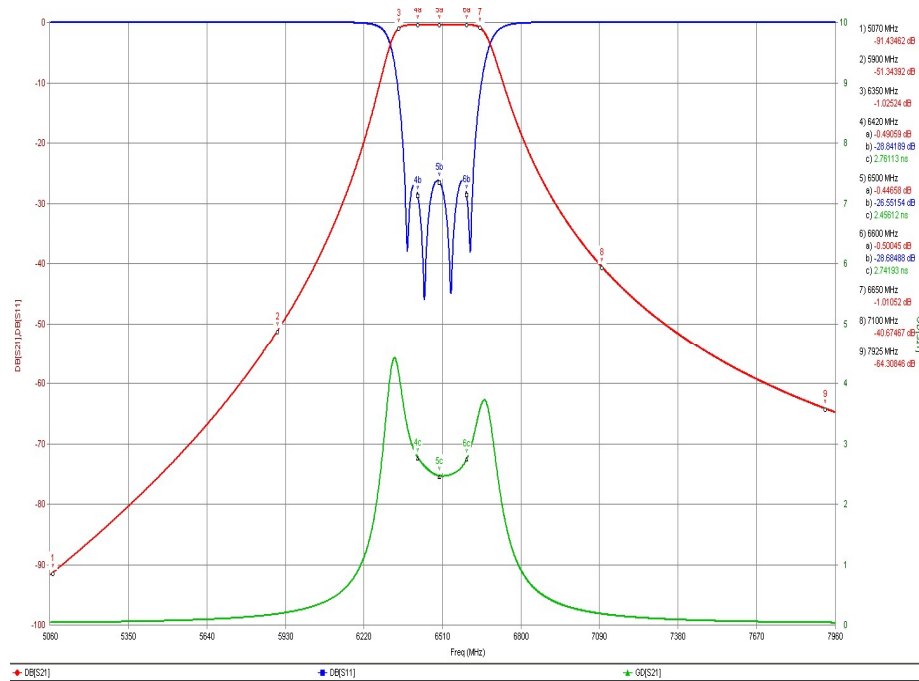
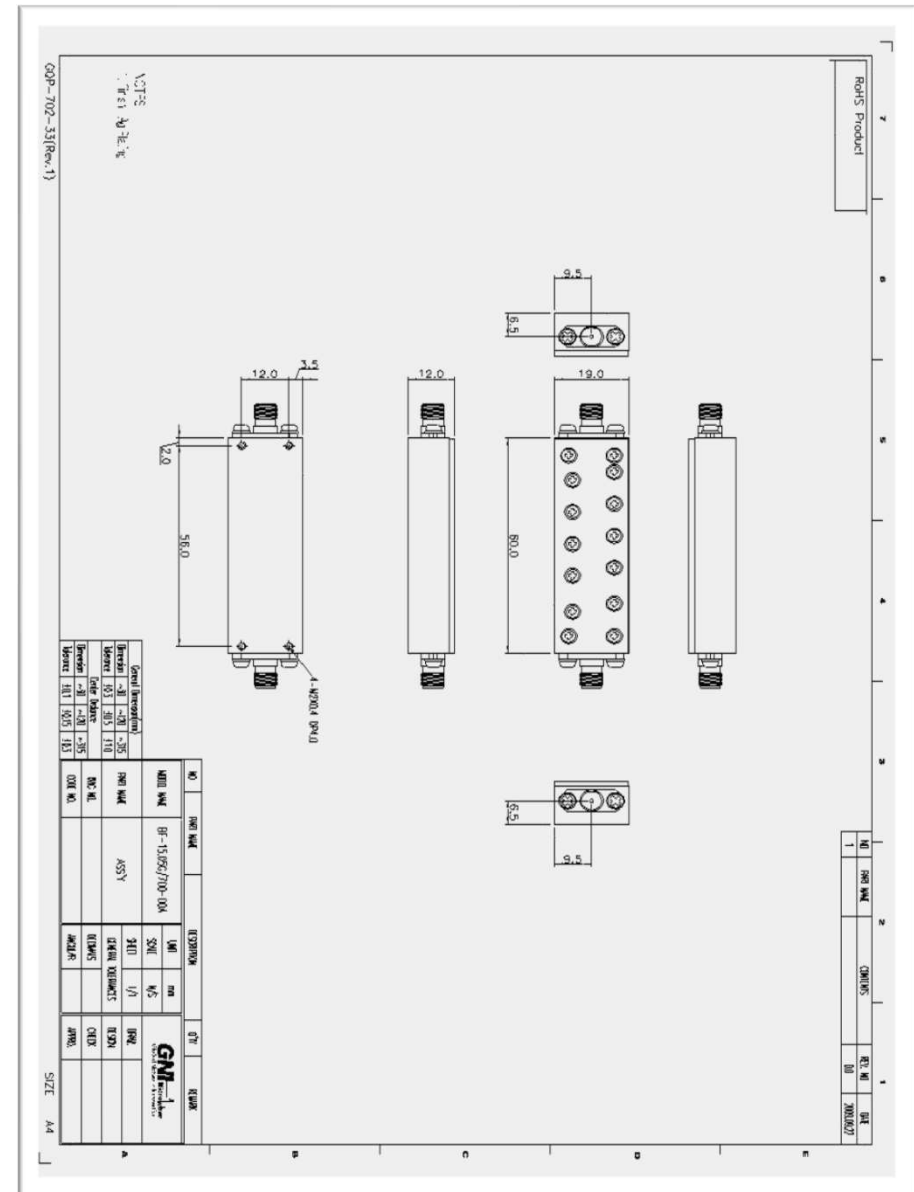


6. 제품_방산

1) 고주파대역 BPF Cavity Filter(1/2)



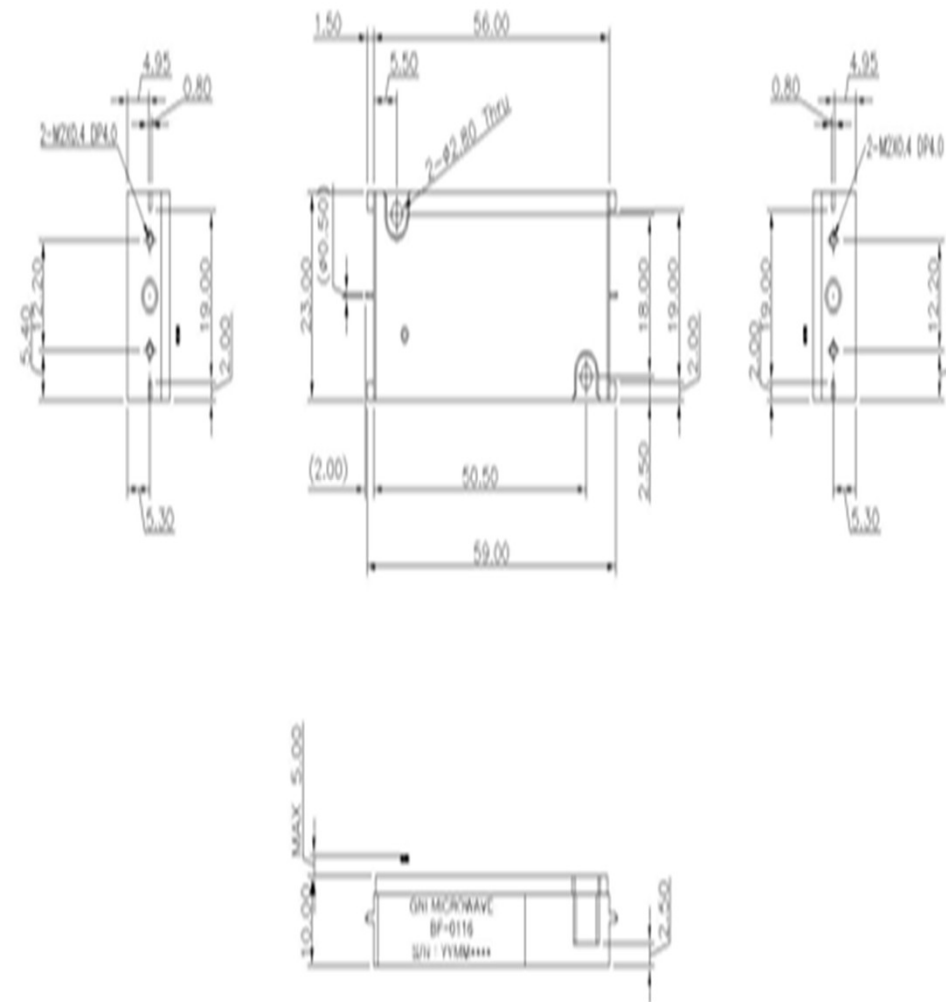
Parameter		Specification
Center Frequency		15.05GHz
Insertion Loss (@Fc)		2.0dB Max.
Bandwidth Ripple (Fc±350.0MHz)		0.5dB Max.
Return Loss (Fc±350.0MHz)		20.0dB Min.
Delay Variation (Fc±350.0MHz)		2.0ns Max.
Rejection	Fc±525.0MHz	3.0dB Min.
	Fc±600.0MHz	20.0dB Min.
	Fc±1500.0MHz	60.0dB Min.



6. 제품_방산

2) 고주파대역 BPF Cavity Filter (2/2)

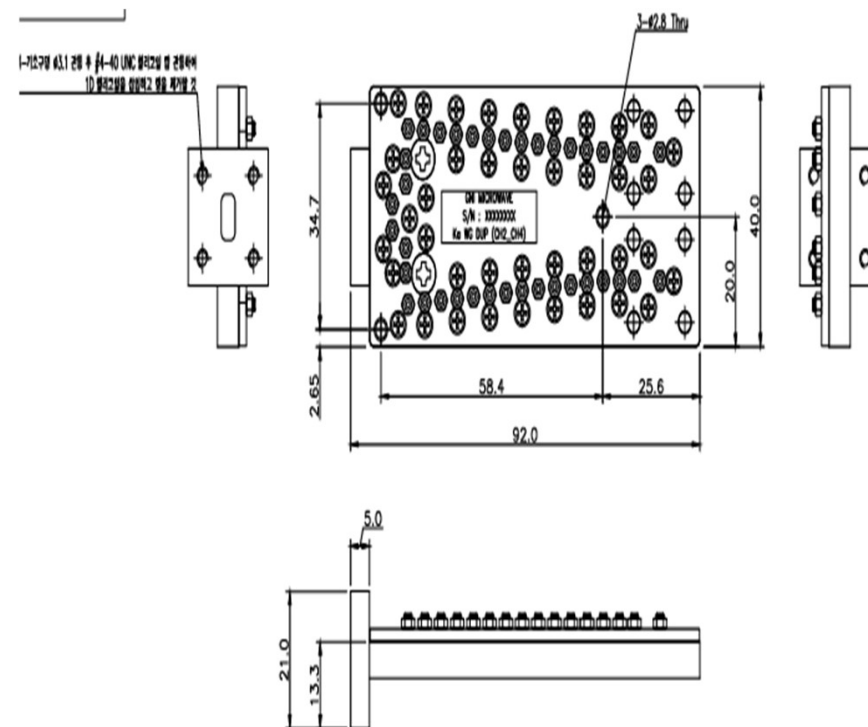
PATH	S/N				
	PARAMETER				
Fc = 14.4075GHz	Frequency Range		14.25~14.465GHz		
	Insertion Loss	14.25~14.465GHz	2	dB	MAX.
	Return loss	14.25~14.465GHz	20	dB	MIN.
	Attenuation	Fc $\pm$ 500MHz	60	dB	MIN.
Fc = 14.6295GHz	Frequency Range		14.535~14.85GHz		
	Insertion Loss	14.535~14.85GHz	2	dB	MAX.
	Return loss	14.535~14.85GHz	20	dB	MIN.
	Isolation	Fc $\pm$ 500MHz	60	dB	MIN.



6. 제품_방산

3) Ka Band Waveguide Duplexer

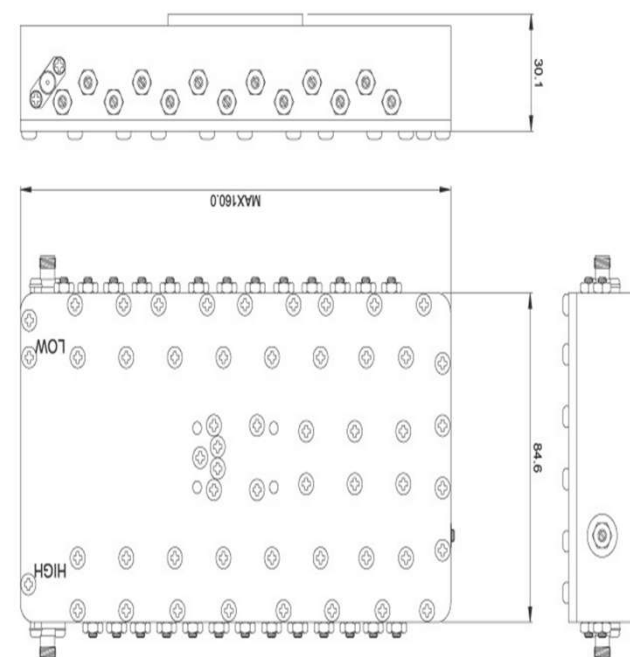
PARAMETER		S/N
LOW	Freq. Range	28.50~29.10GHz
	Insertion Loss	2.0dB Max.
	Ripple	1.0dB Max.
	Return Loss	14dB Min.
	Isolation	50dB Min
HIGH	Freq. Range	29.50~30.00GHz
	Insertion Loss	2.0dB Max.
	Ripple	1.0dB Max.
	Return Loss	14dB Min.
	Isolation	50dB Min



6. 제품_방산

4) Waveguide Filter

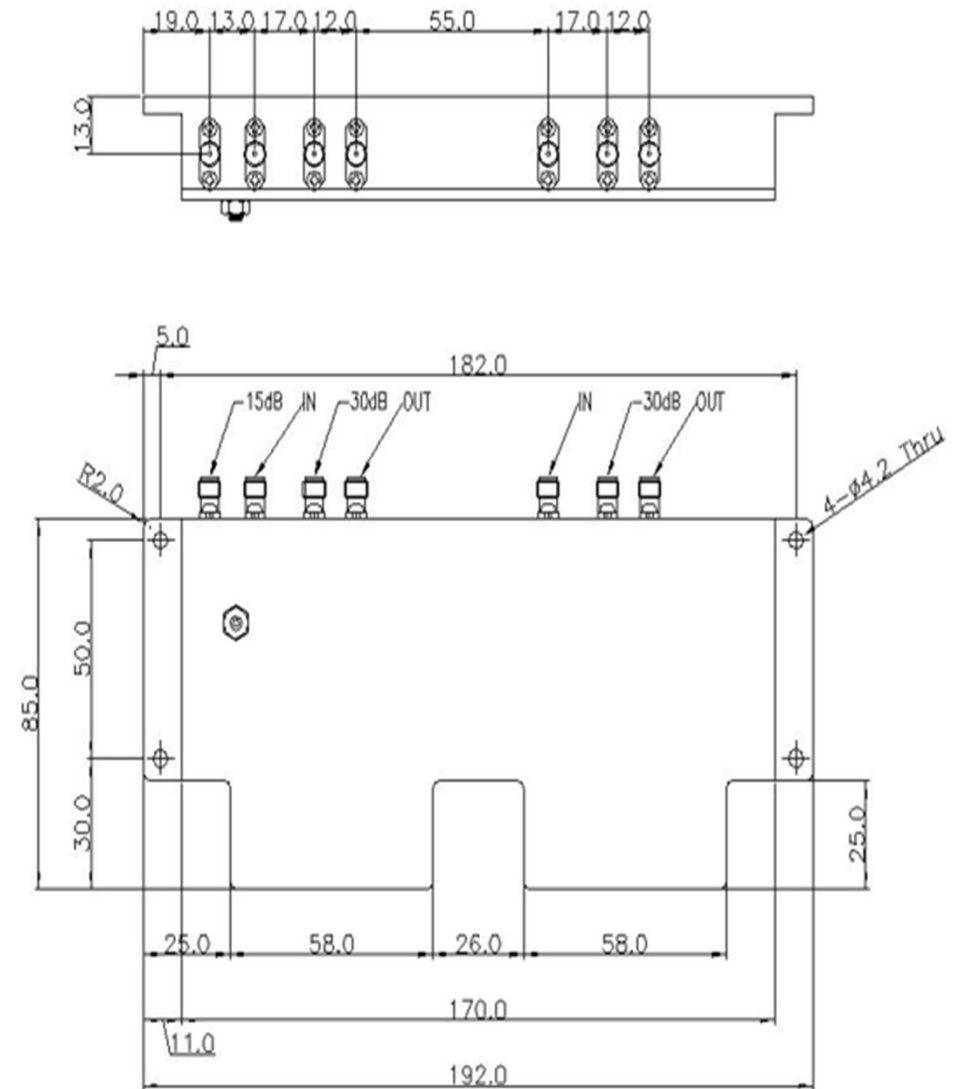
PARAMETER	Specification	
	LOW	HIGH
Frequency Range	10.675~10.855 GHz	11.165~11.345 GHz
Insertion Loss (@Fc)	1.0 dB Max	
Pass Band ripple	0.4dB Max	
Return Loss	18.0dB Max	
Insertion	70.0dB Max	
Operating Temperature	-40.0 ~ +50.0 °C	
Connectors	SMA	



6. 제품_방산

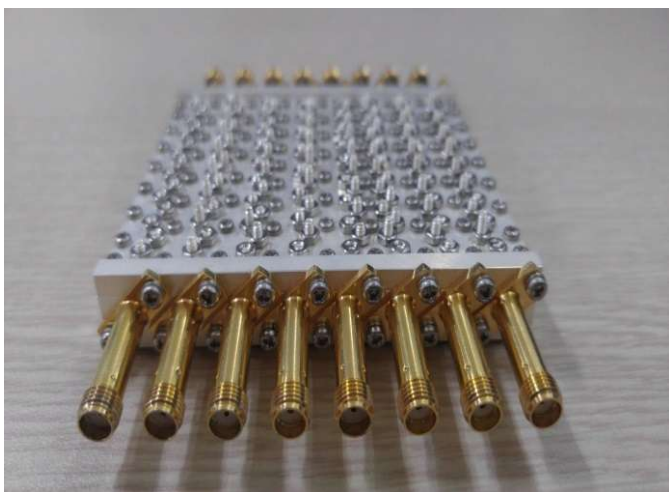
5) Duplexer Cavity Filter

PATH	PARAMETER		S/N		
Donor	Frequency Range		2250.5~2299.5MHz		
	Insertion Loss	2250.5~2299.5MHz	2.3	dB	MAX.
	Pass Band Ripple	2250.5~2299.5MHz	1.2	dB	MAX.
	Return loss	2250.5~2299.5MHz	18	dB	MIN.
	Absolute Delay	2250.5~2299.5MHz	200	ns	MAX.
	Group Delay Variation	2250.5~2260.5MHz	50	ns	MAX.
		2289.5~2299.5MHz	50	ns	MAX.
	Attenuation	DC~30MHz	60	dBc	MIN.
		30~1000MHz	70	dBc	MIN.
		1000~2200MHz	70	dBc	MIN.
		@2240MHz	17	dBc	MIN.
		@2303MHz	5	dBc	MIN.
		2.35~3.0GHz	70	dBc	MIN.
		3.0~5.2GHz	80	dBc	MIN.
	2nd Harmonic	4501~4599MHz	80	dBc	MIN.
	Coupling Port For Modem(Center)	2275MHz	15	dB	±1.0
		2275MHz	30	dB	±1.0



6. 제품_방산

6) Filter Bank



PARAMETER	Specification			
Frequency Range	7.0~8.2GHz	8.2~9.4GHz	10.6~11.9GHz	11.9~13.24GHz
Insertion Loss (@Fc)	0.7 dB Max.	0.9 dB Max.	1.1 dB Max.	1.0 dB Max.
Operating Temperature	-55.0 ~ +85.0 °C	-55.0 ~ +85.0 °C	-55.0 ~ +85.0 °C	-55.0 ~ +85.0 °C
Connectors	SMA	SMA	SMA	SMA

