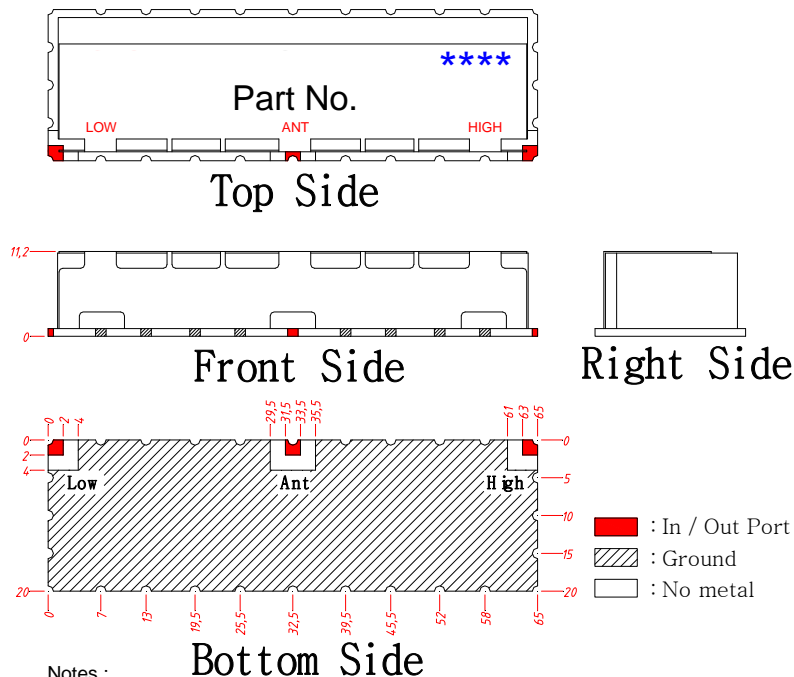


Electrical Specifications

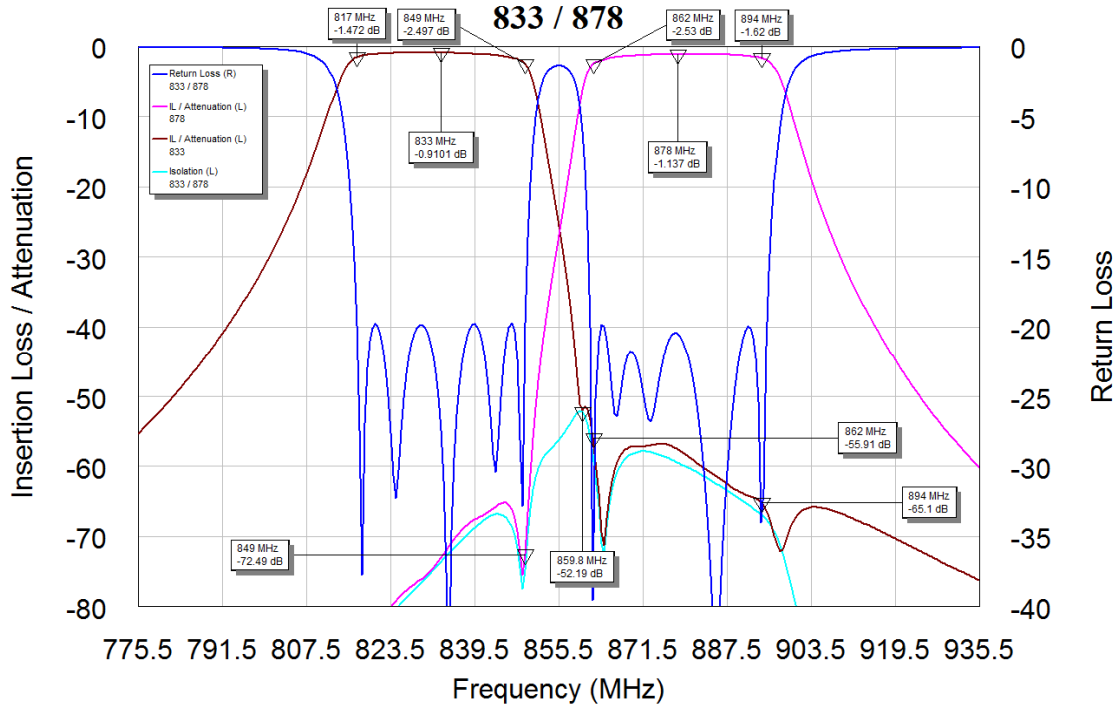
Item	Parameter	Unit	Specification	
			Low (RX)	High (TX)
1	Center Frequency	MHz	833	878
2	Passband	MHz	$F_c \pm 16$ (817-849)	$F_c \pm 16$ (862-894)
3	Insertion Loss in BW	dB	2.7 max	2.7 max
4	Ripple in BW	dB	1.8 max	1.8 max
5	Return Loss in BW	dB	15 min	
6	Attenuation	dB	30 min @ 777~787 MHz	60 min @ 817~ 849 MHz
			55 min @ 862~894 MHz	-
7	Isolation	dB	60 min @ 817~849 MHz & 55 min @ 862~ 894 MHz	
			45 min @ 849 ~ 862 MHz	
8	Input Power	Watts	10 max	
9	IN/OUT Impedance	Ohm	50	
10	Operating Temp. Range	°C	-45 ~ +85	
11	RoHS	-	Yes	

Dimensions (unit: mm)

Notes :

1. Surface mount package
2. Dimensions in millimeters
3. Max reflow temperature 230°C for 10 sec
4. If boards are cleaned after installation units must be completely dried
5. Tolerance unless specified : ± 0.3
6. **** -> Date code (YYWW)



Simulations



Plots

