

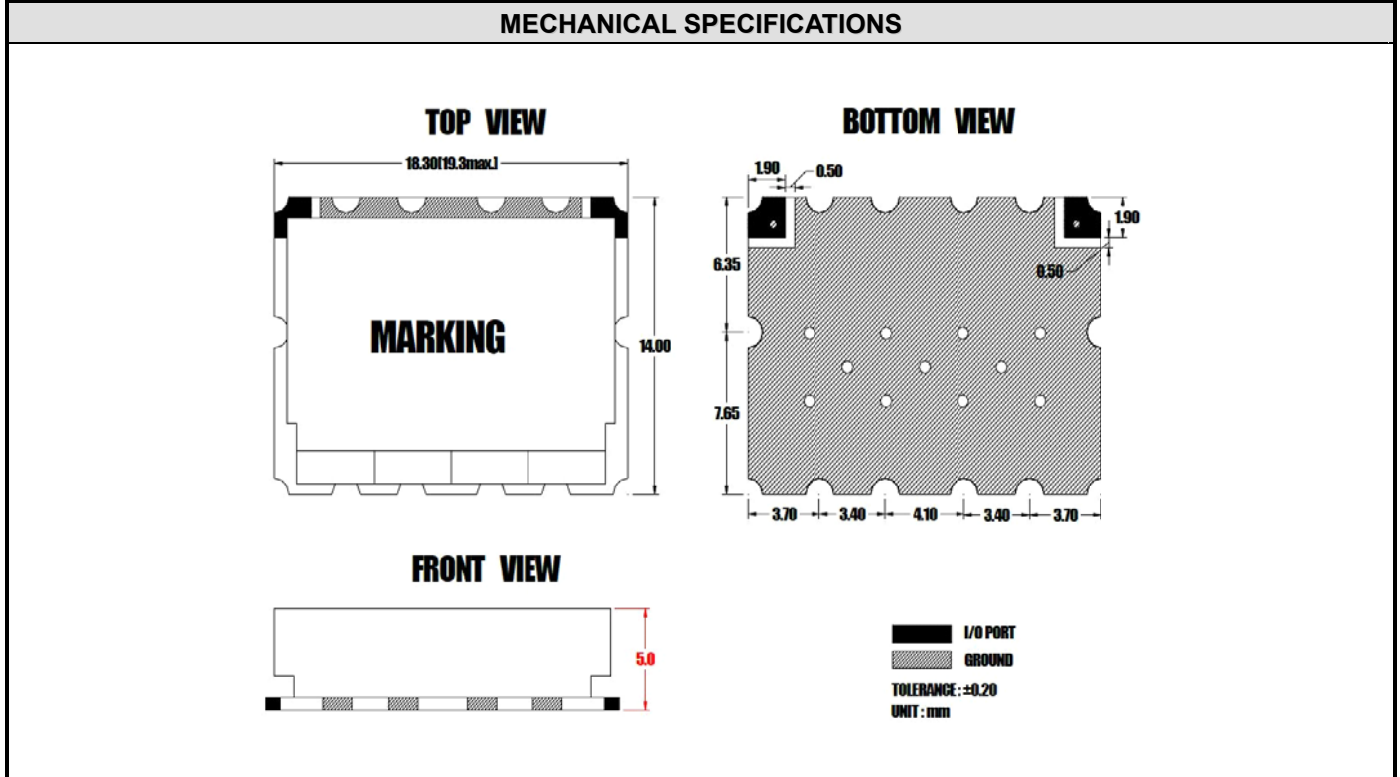
# SPECIFICATION



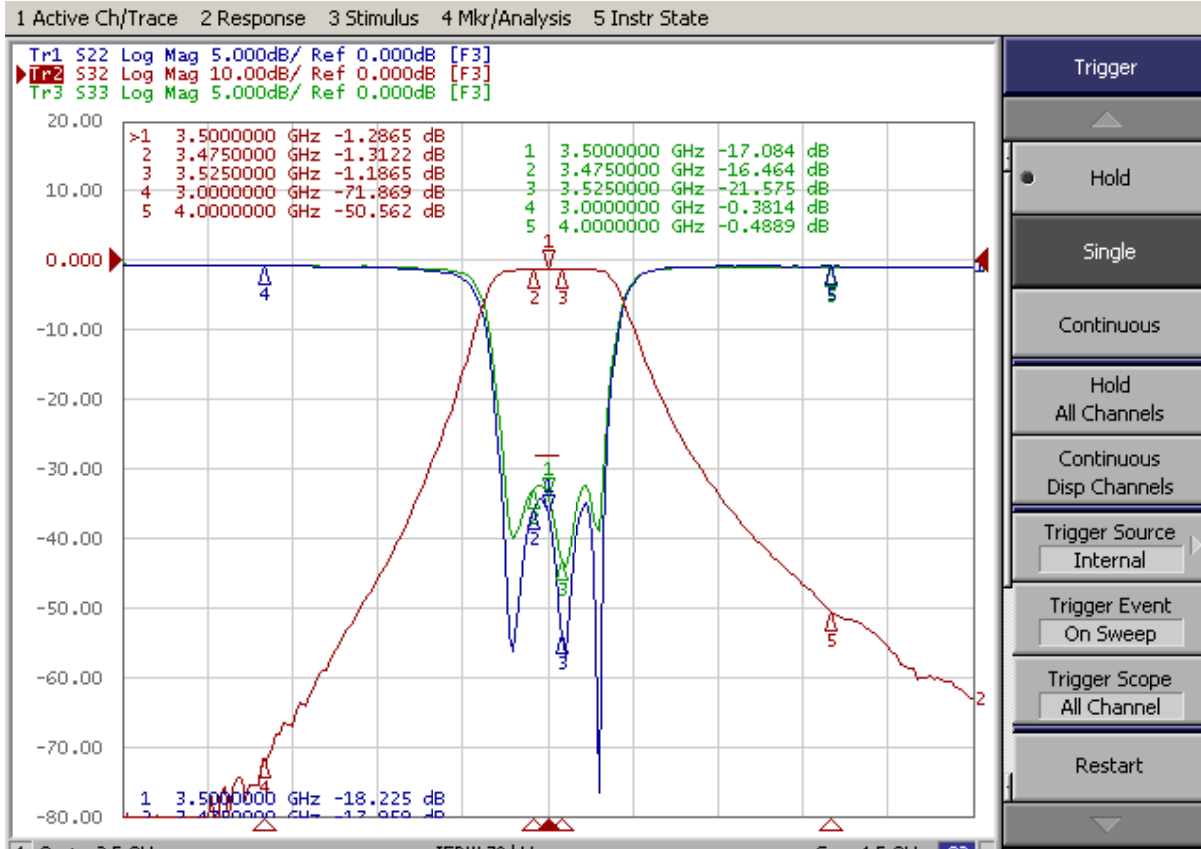
Part No.: \_\_\_\_\_  
 Customer: \_\_\_\_\_  
 Date: 2021.05.11

Written by	Checked by	Approval
FL Lai	PH Jiang	CK Chang

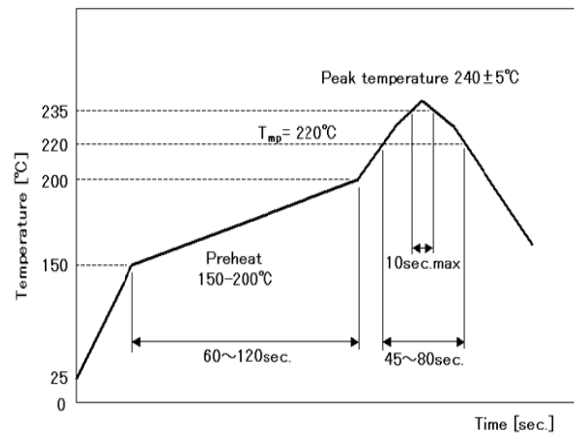
ELECTRICAL SPECIFICATIONS		
ITEM	SPEC	UNIT
1	Center freq	3500.0
2	Bandwidth [BW]	$f_o \pm 25.0$ [3475.0~3525.0]
3	Insertion Loss in BW	2.0 in regular temp
4	Ripple in BW	0.5 in regular temp
5	Return Loss in BW	
6	V S W R in BW	1.5 in regular temp
7	Attenuation (Absolute Value)	70.0 dB min. @ $f_o \pm$ [3000.0 & ] 40.0 dB min. @ $f_o \pm$ [4000.0 & ] 60.0 dB min. @ $f_o \pm$ [6000.0 & ] 70.0 dB min. @ $f_o \pm$ [500.0 & ]
8	Input Power	max
9	In/Out Impedance	50.0
10	Operation Temperature Range	-40°C to +70°C



## PERFORMANCE



## SOLDERING CONDITION



Remark:

1. Please ensure that the good grounding (ground and I/O part area). When the product is used, in order to ensure good grounding ,bottom area after soldering, that need for the side pin to repair welding.
2. Product recommended using SMT process, the above is recommended reflow temperature curve. Because of different substrate and reflow soldering equipment varies , according to the substrate and reflow soldering equipment to confirm the actual temperature curve.
3. If special occasion occurs which needs manual soldering, the temperature should be  $350^\circ\text{C}$ ,but not Over 3 times, and reflow and manual soldering should not be over 3 times.