

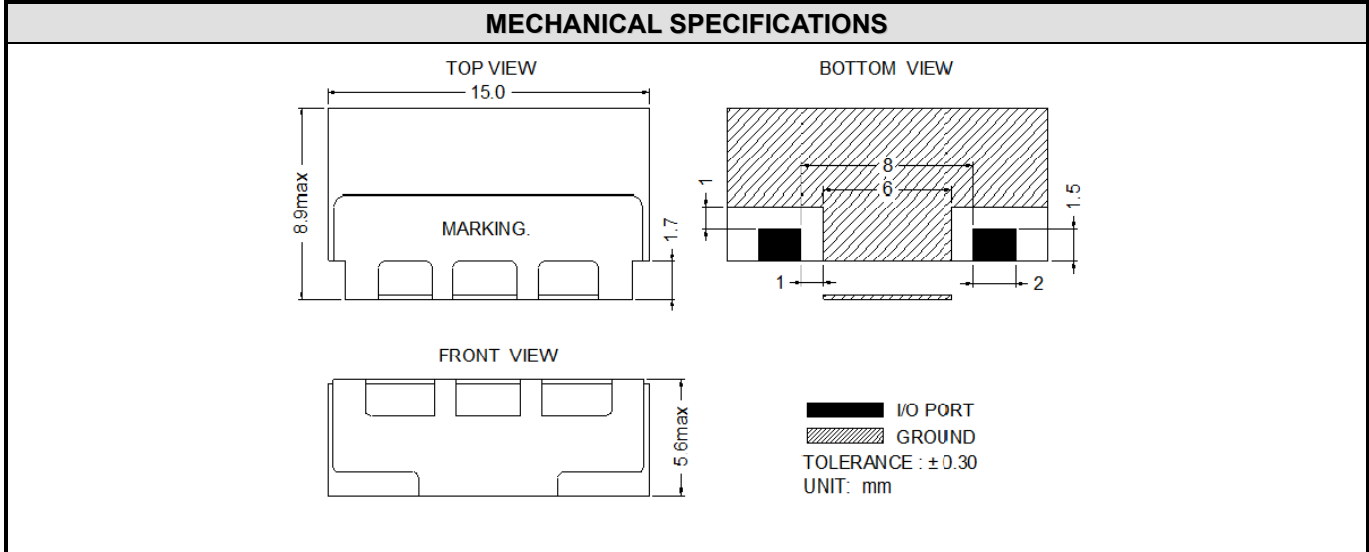
SPECIFICATION



Part No.: _____
 Customer: _____
 Date: 2022.05.04
 Lot No.: _____ : Q'ty: _____

Written by	Checked by	Approval
FL Lai	MY Chen	CK Chang

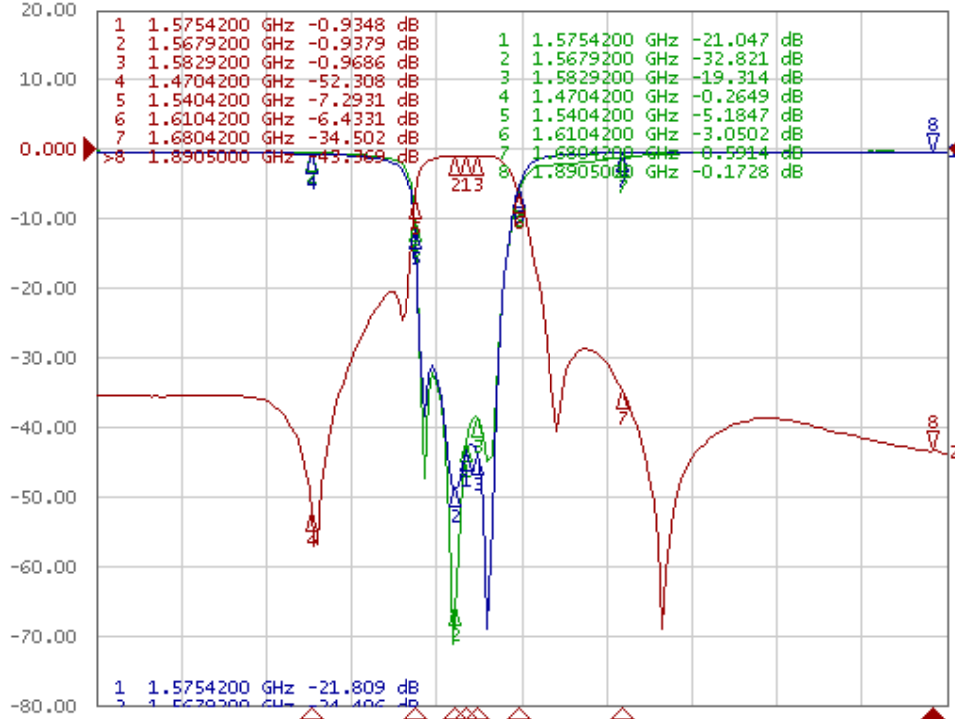
ELECTRICAL SPECIFICATIONS			
ITEM		SPEC	UNIT
1	Center Frequency [fo]	1575.42	MHz
2	Bandwidth [BW]	min typical max	MHz
		10.0 12.0 15.0	MHz
3	Insertion Loss in BW	1.1 max. 0.75 Typ	dB
4	Ripple in BW	0.75 max . 0.50 Typ	dB
5	Return loss in BW	15.0 min.	dB
6	Attenuation	30.0 min. @ [DC ~ 1470.42] MHz	dB
		5.0 min. @ [1470.42 ~ 1540.42] MHz	dB
		5.0 min. @ [1610.42 ~ 1680.42] MHz	dB
		30.0 min. @ [1680.42 ~ 1890.50] MHz	dB
7	Power	3.0 max	w
8	In/Out Impedance	50.0	Ω
9	Operation Temperature Range	-40°C to +85°C	°C



PERFORMANCE

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
 Tr2 S31 Log Mag 10.00dB/ Ref 0.000dB [F2]
 Tr3 S33 Log Mag 5.000dB/ Ref 0.000dB [F2]



Display

Data -> Mem

Data Math OFF

Equation Editor...

Equation OFF

Edit Title Label

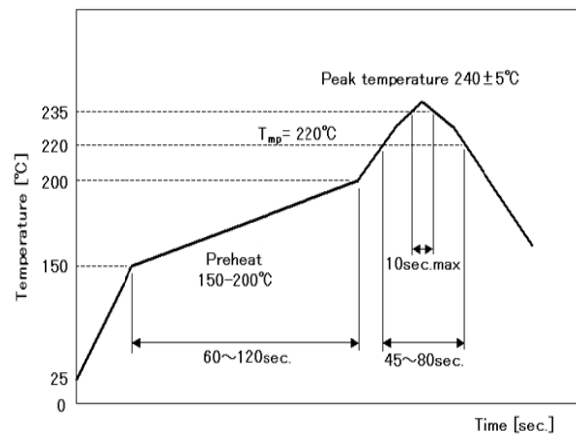
Title Label OFF

Graticule Label ON

Invert Color ON

Frequency ON

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°C, but not Over 3 times, and reflow and manual soldering should not be over 3 times.