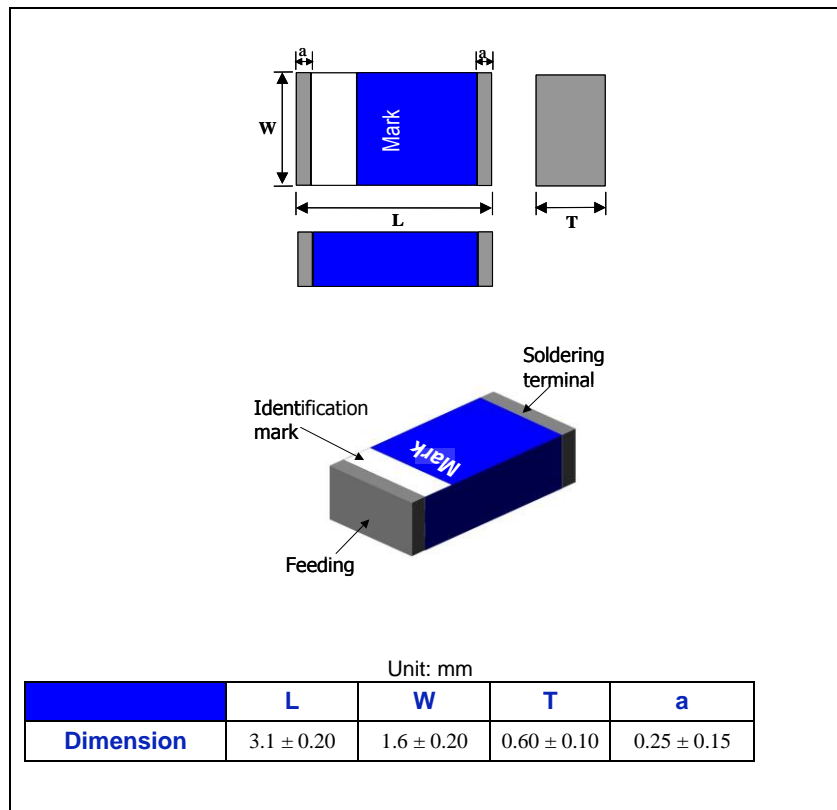


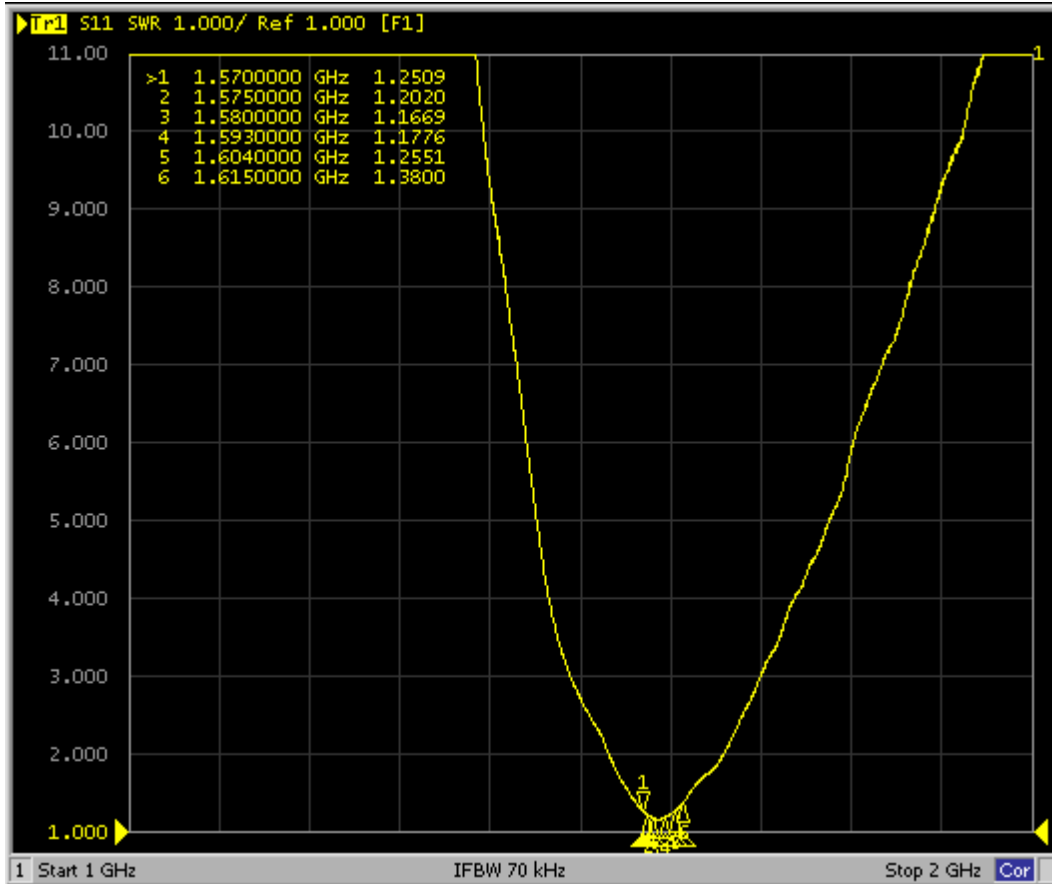
#### ELECTRICAL SPECIFICATION

PARAMETER	GPS	GLONASS	UNIT
Central Frequency	1.570 ~ 1.580	1.593 ~ 1.615	GHz
Bandwidth	10.0	22.0	MHz
Peak Gain	2.40 @ 1.575GHz	2.42 @ 1.604GHz	dBi
Efficiency	82.68 @ 1.575GHz	82.65 @ 1.604GHz	%
VSWR, max	2		-
Azimuth Beamwidth	Omni-directional		-
Impedance	50		$\Omega$
Polarization	Linear		--

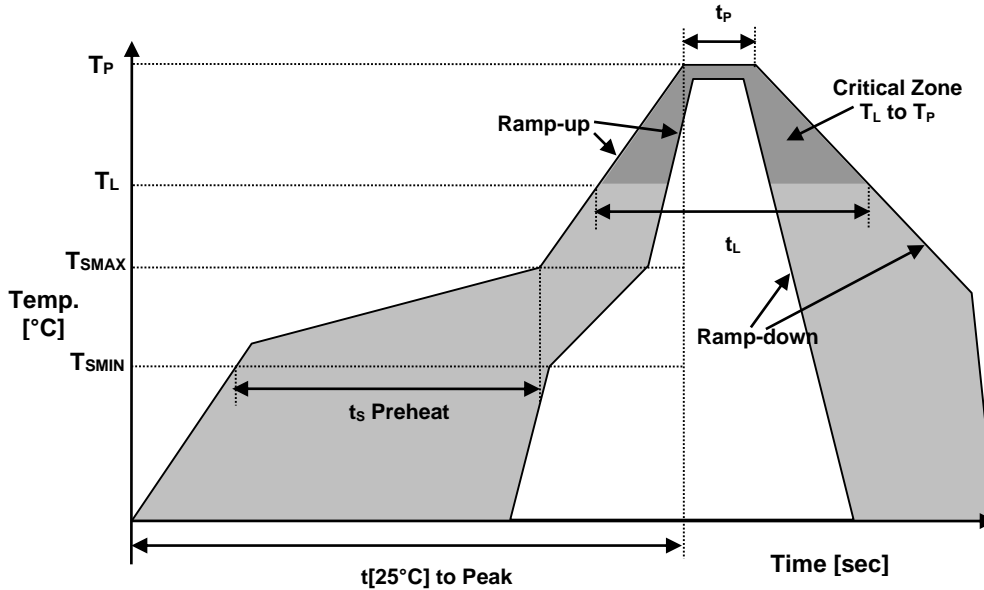
#### MECHANICAL SPECIFICATION



### VSWR



### REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	$T_{SMIN}$	150°C
Temperature Max Preheat	$T_{SMAX}$	200°C
Time ( $T_{SMIN}$ to $T_{SMAX}$ )	$t_s$	60-180 sec.
Temperature	$T_L$	217°C
Peak Temperature	$T_P$	250°C
Ramp-up rate	$R_{UP}$	3°C/sec max.
Ramp-down rate	$R_{DOWN}$	6°C/sec max.
Time within 5°C of Peak Temperature	$t_p$	10 sec.
Time $t_{[25^\circ\text{C}]}$ to Peak Temperature	$t_{[25^\circ\text{C}]}$ to Peak	480 sec.
Time	$t_L$	60-150 sec.

### ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
RoHS2	6/6 COMPLIANT & LEAD FREE
REACH-SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
TERMINATION FINISH	Sn



May, 2016