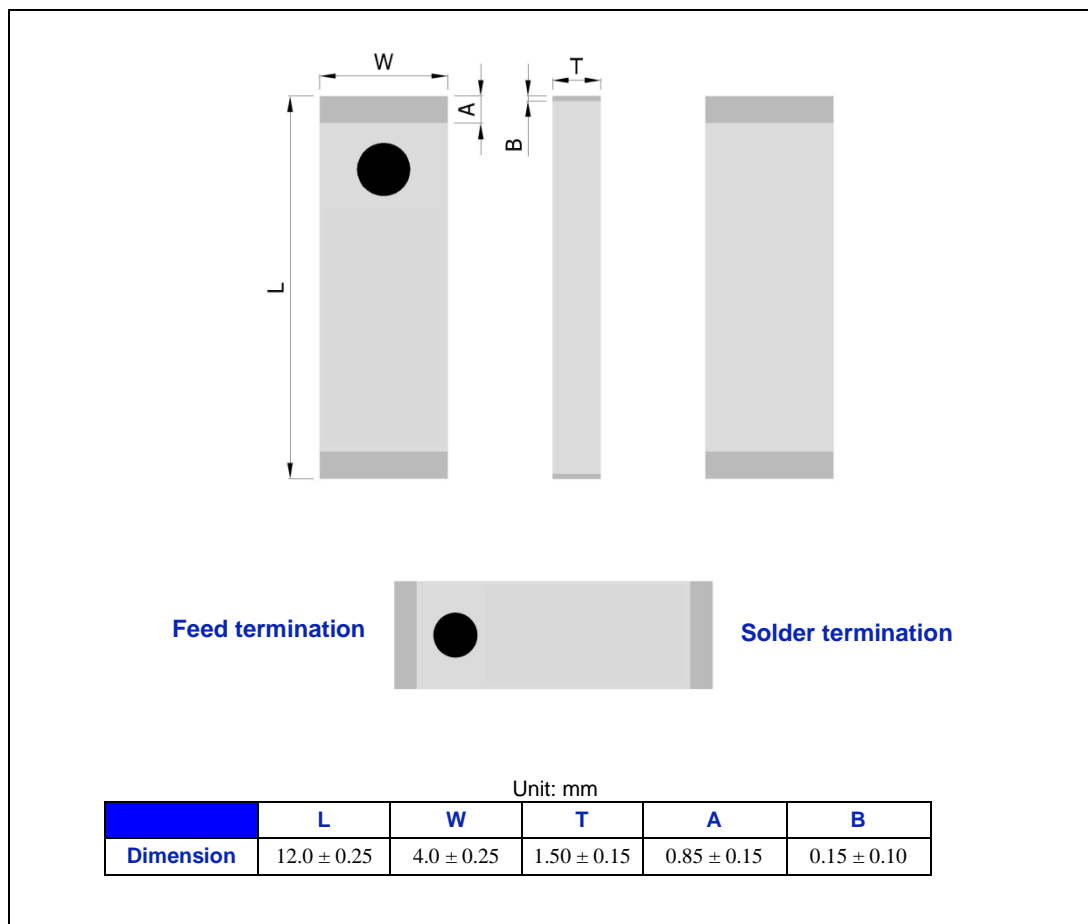
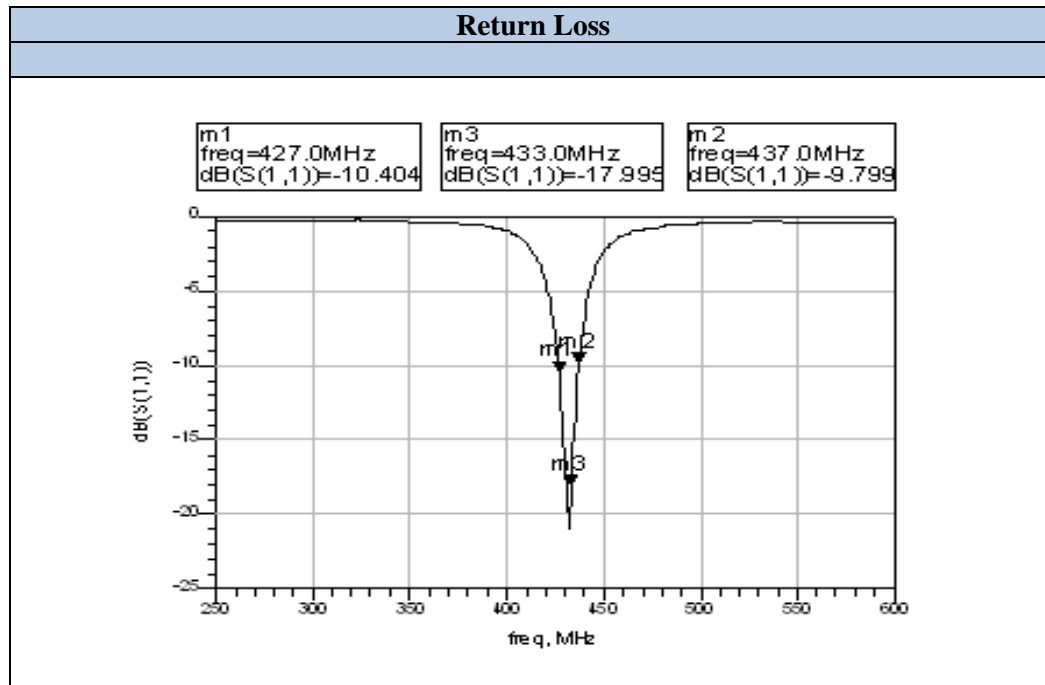


ELECTRICAL SPECIFICATION

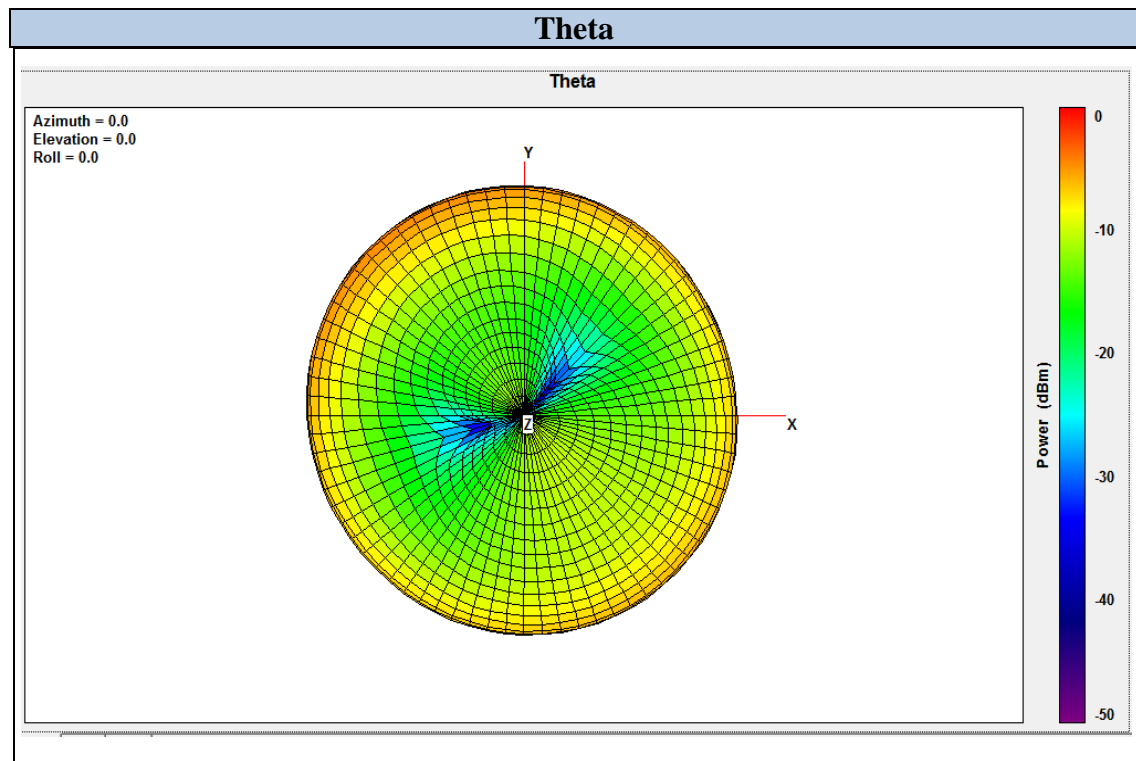
SPECIFICATIONS	SPECIFICATIONS	UNIT
Frequency Range	428 ~ 437	MHz
Gain, Typical	-3.3	dBi
VSWR (max)	3.0	--
Impedance	50	Ω
Polarization	Linear	--
Operating Temperature	-40 ~ 125	$^{\circ}\text{C}$

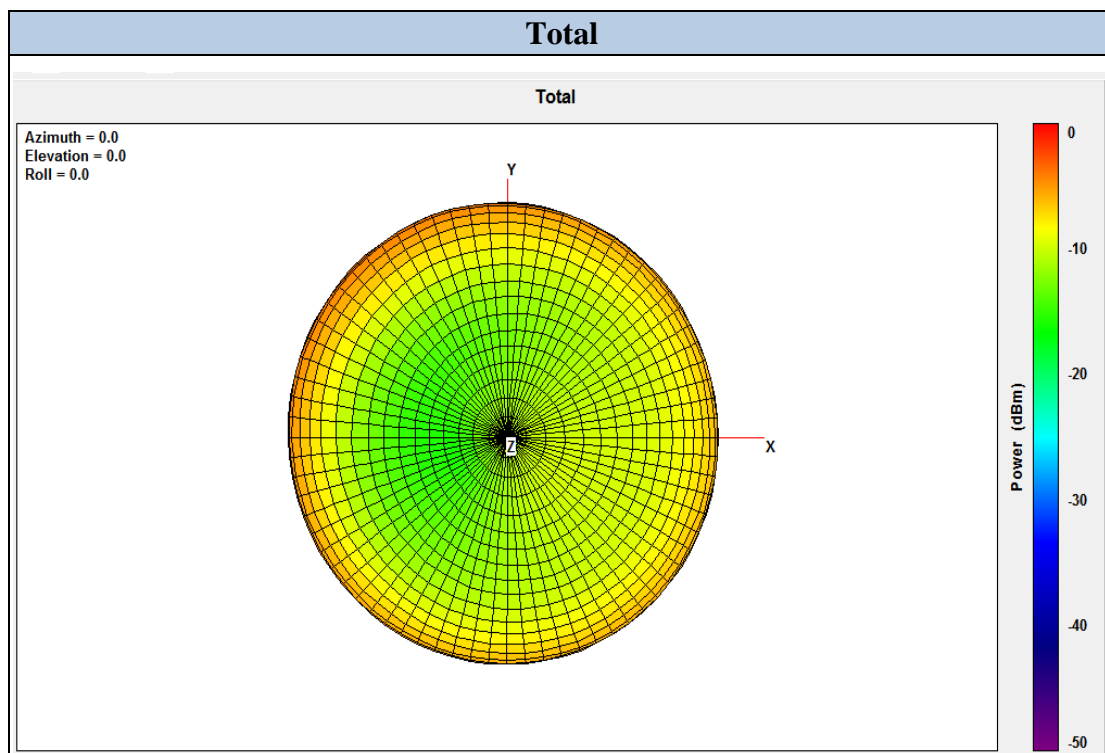
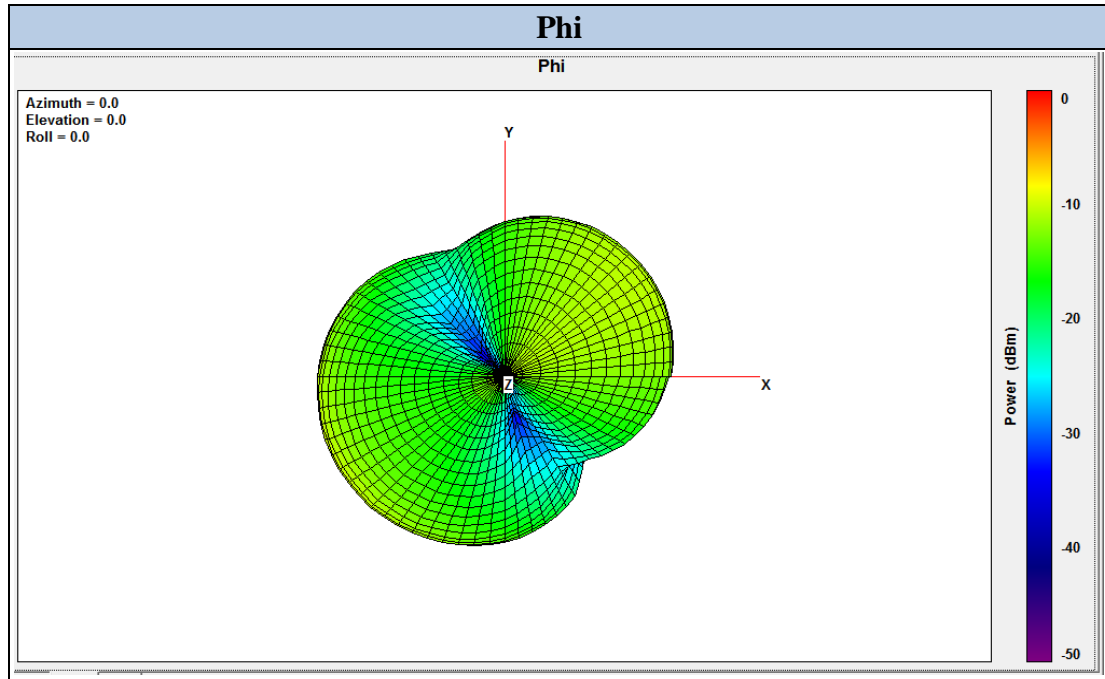
MECHANICAL SPECIFICATION



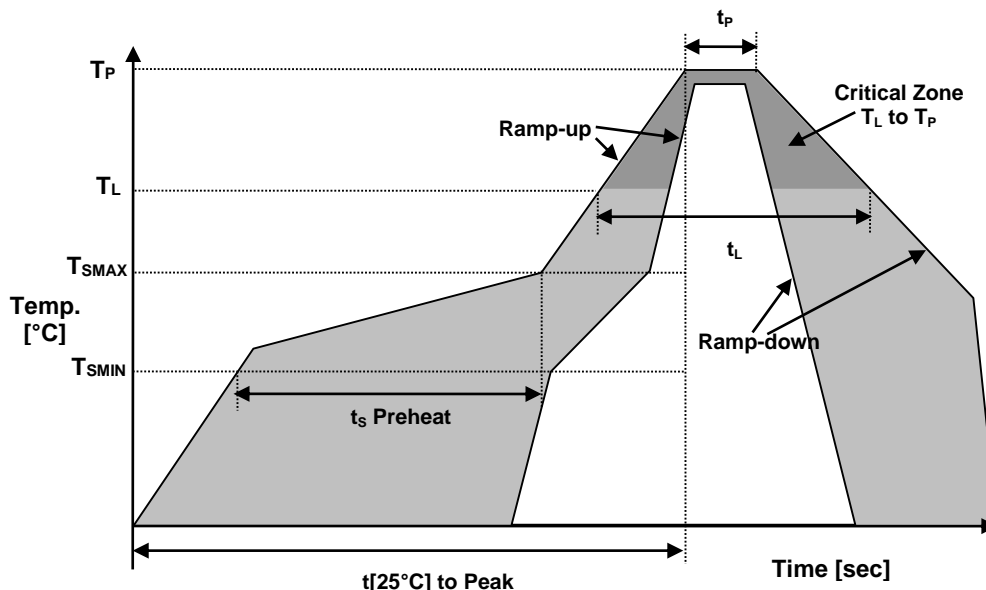


Radiation Patterns





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	Au



May, 2016