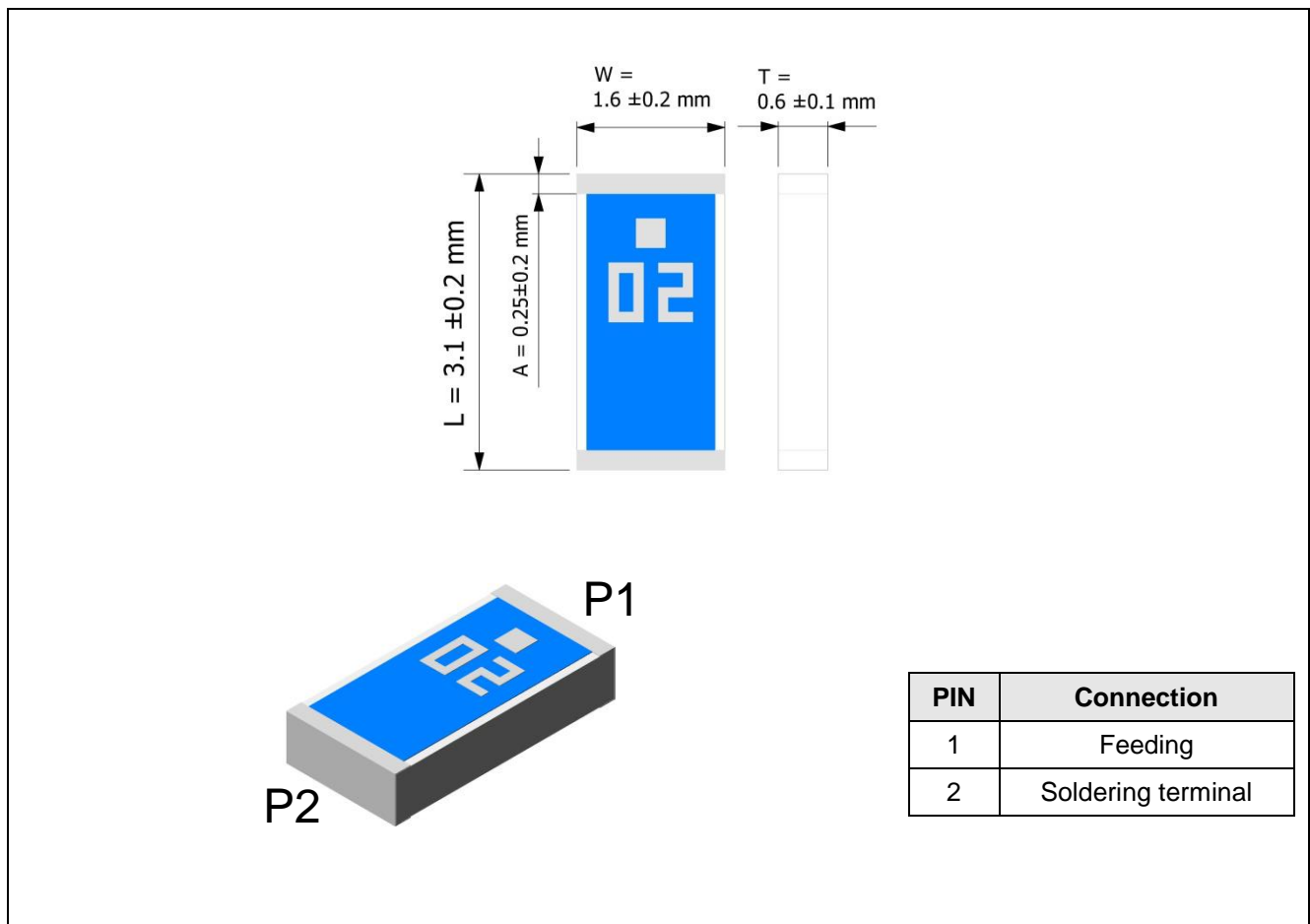


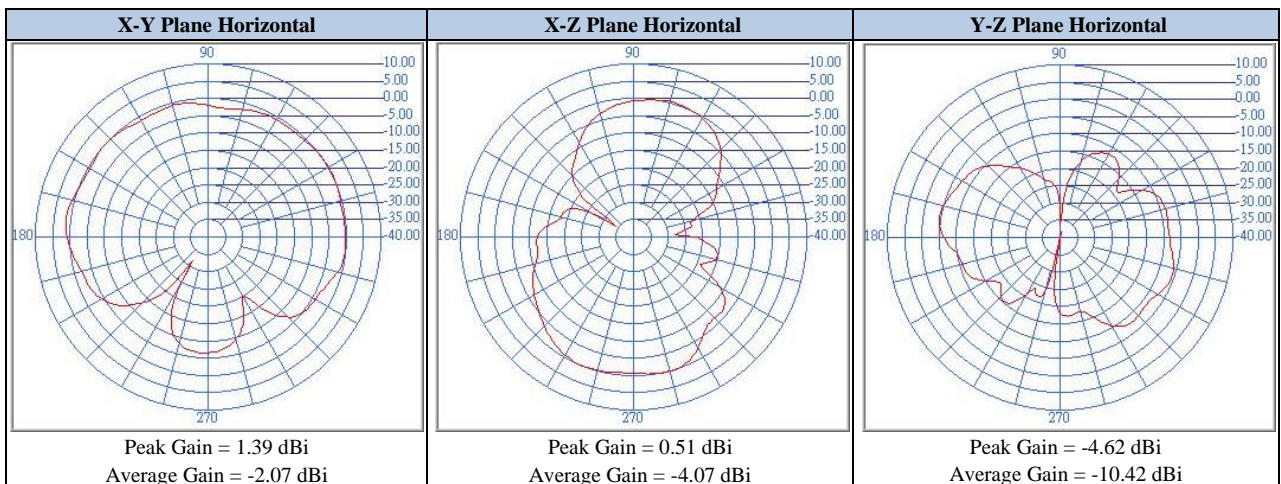
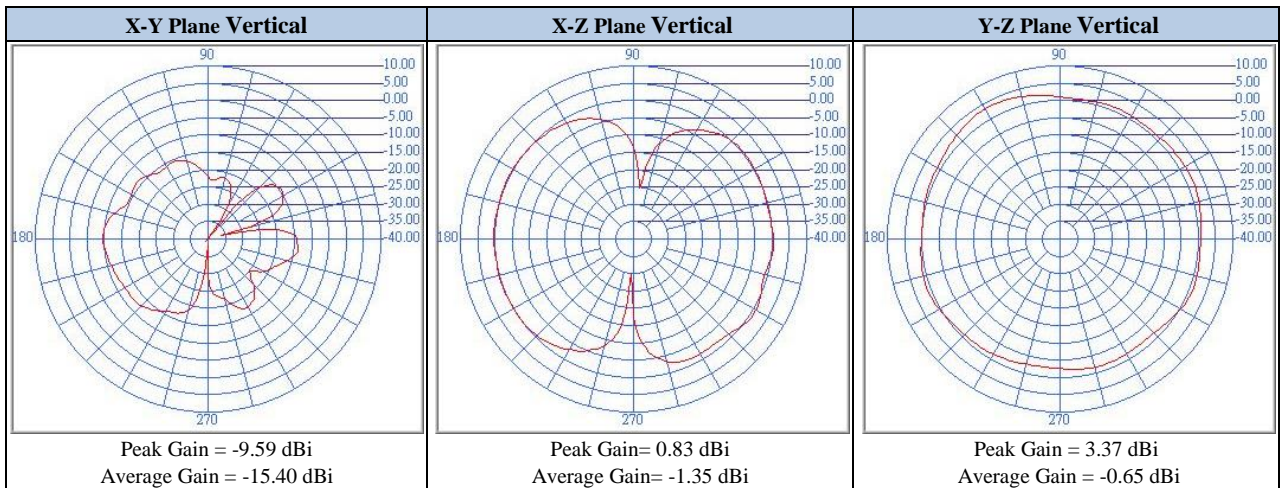
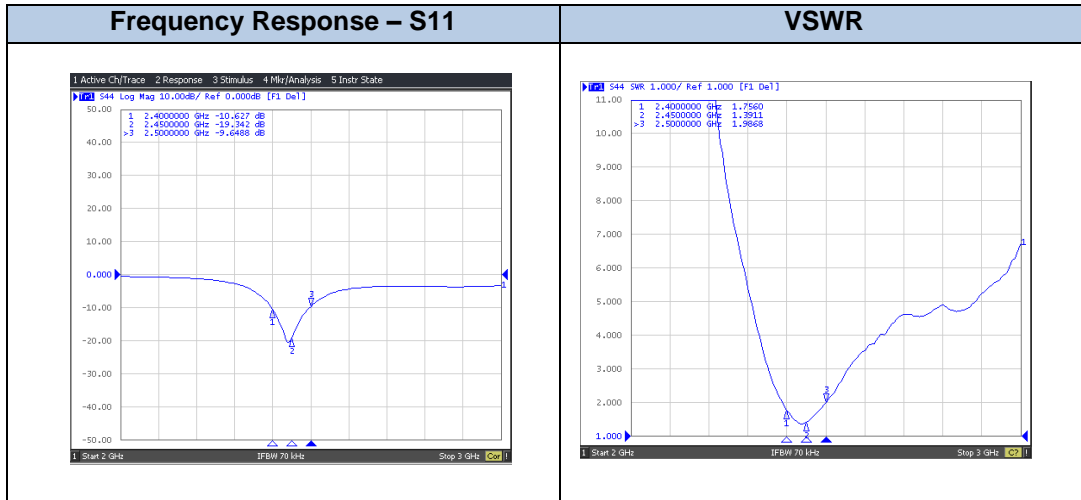
#### ELECTRICAL SPECIFICATION

SPECIFICATIONS	SPECIFICATIONS	UNIT
Frequency Range	2.4 ~ 2.4835 (see Note 1)	GHz
Azimuth Bandwidth	Omni-directional	--
Gain, Typical	2	dBi
VSWR (max)	2.1	--
Impedance	50	$\Omega$
Polarization	Linear	--

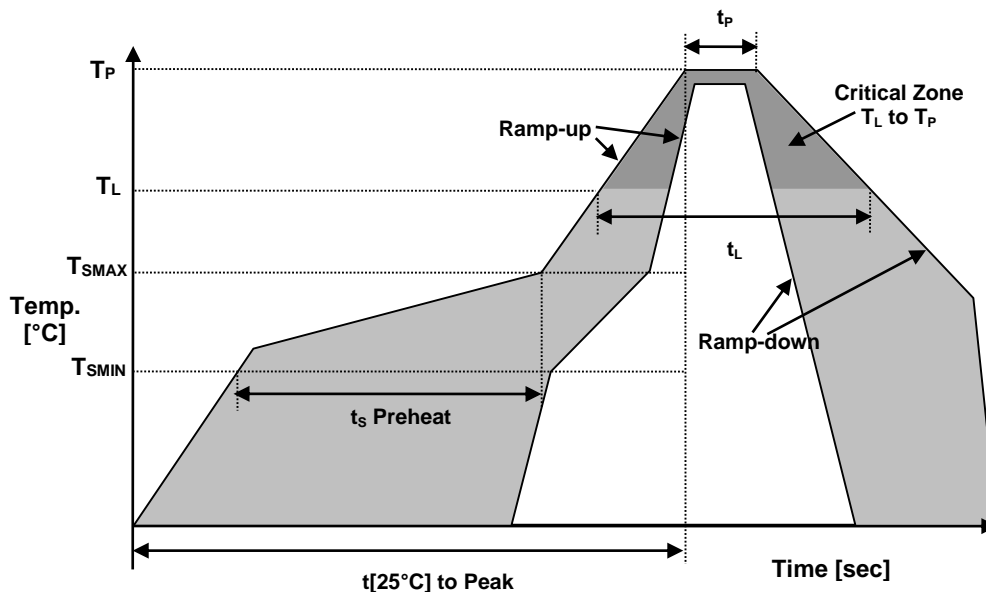
Note 1 – Central frequency to be defined upon confirmation by customer

#### MECHANICAL SPECIFICATION





### 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