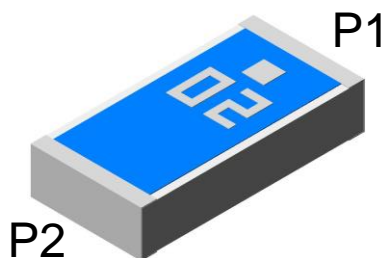
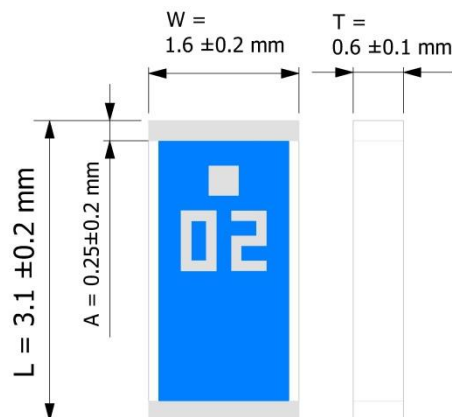


ELECTRICAL SPECIFICATION

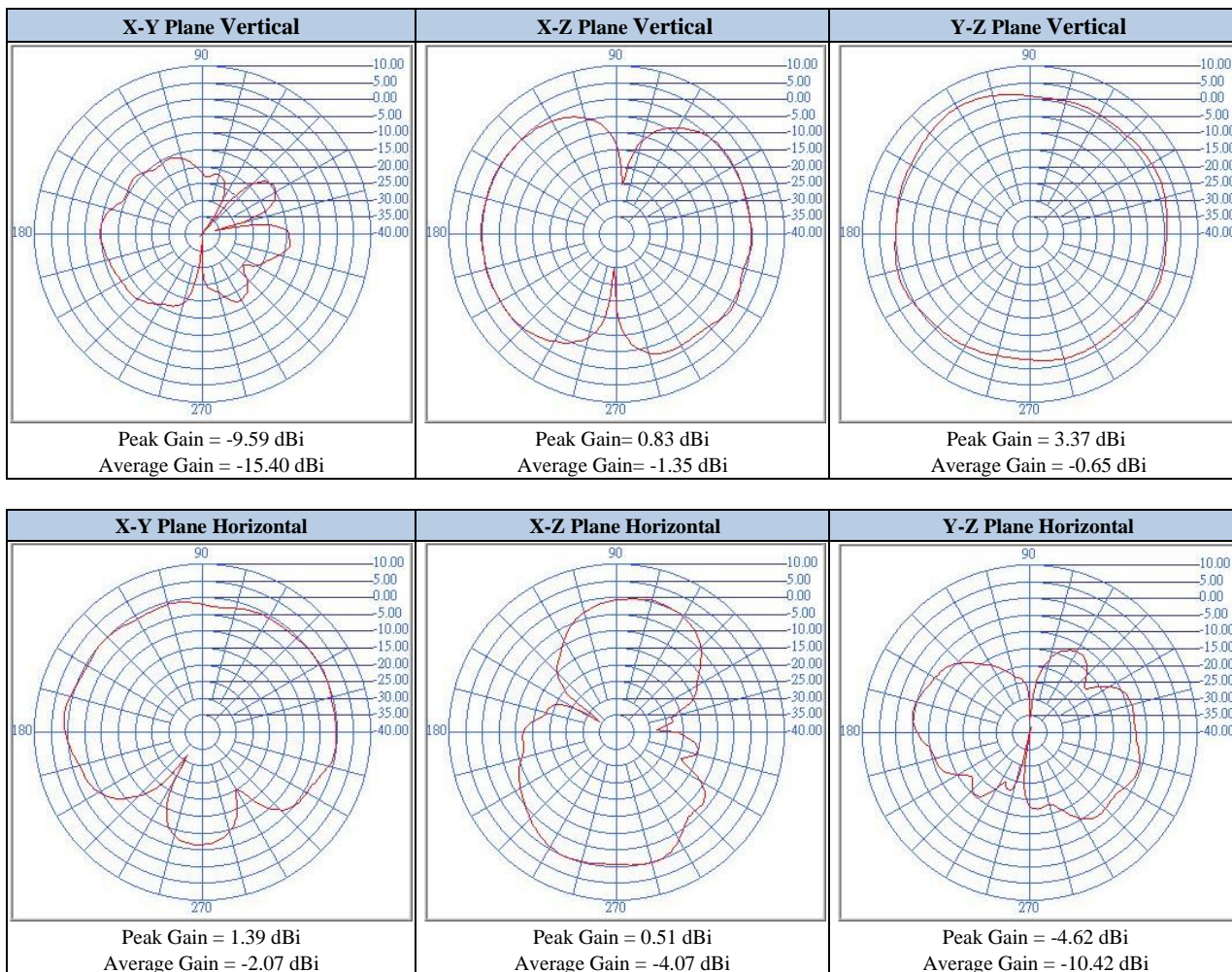
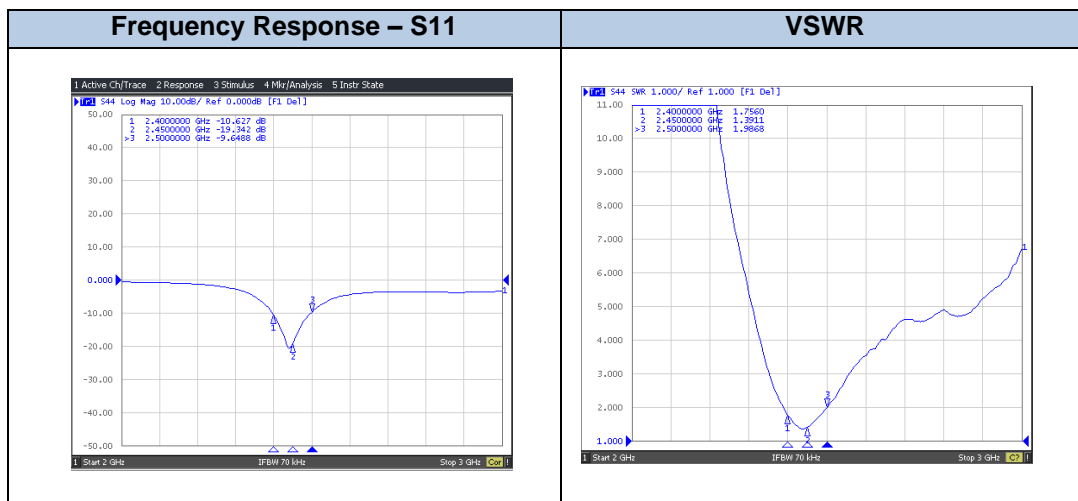
SPECIFICATIONS	SPECIFICATIONS	UNIT
Frequency Range	2.4 ~ 2.4835 (see Note 1)	GHz
Azimuth Bandwidth	Omni-directional	--
Gain, Typical	2	dBi
VSWR (max)	2.1	--
Impedance	50	Ω
Polarization	Linear	--

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

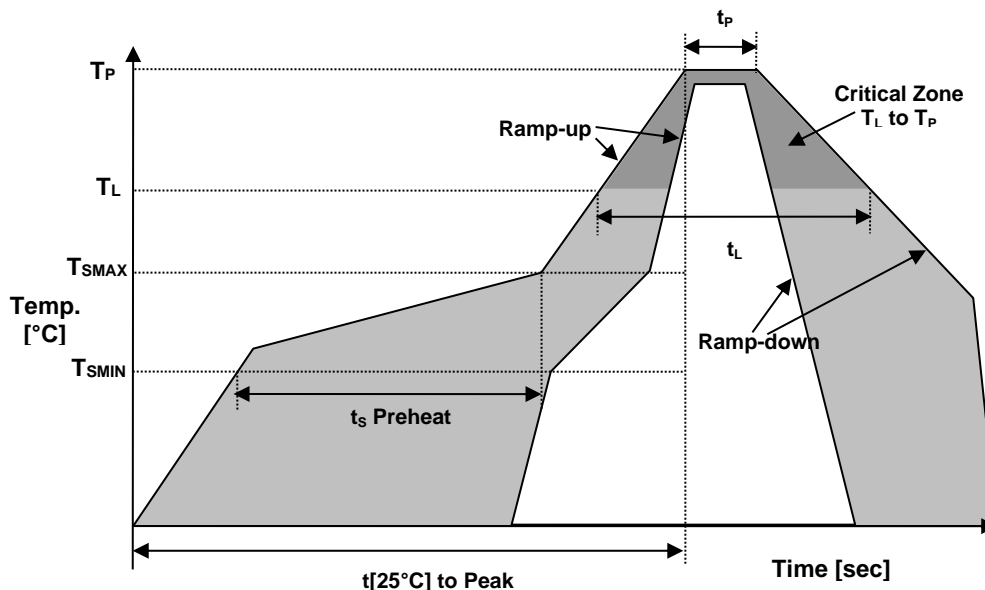
MECHANICAL SPECIFICATION



PIN	Connection
1	Feeding
2	Soldering terminal



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°C] to Peak Temperature	t[25°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



APPROVAL

RALTRON	
DRAWN BY:	F. Parra, 17 August 2015
APPROVED BY:	F. Parra, 17 August 2015
REVISION:	x1, Preliminary, Pending Customer center frequency

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