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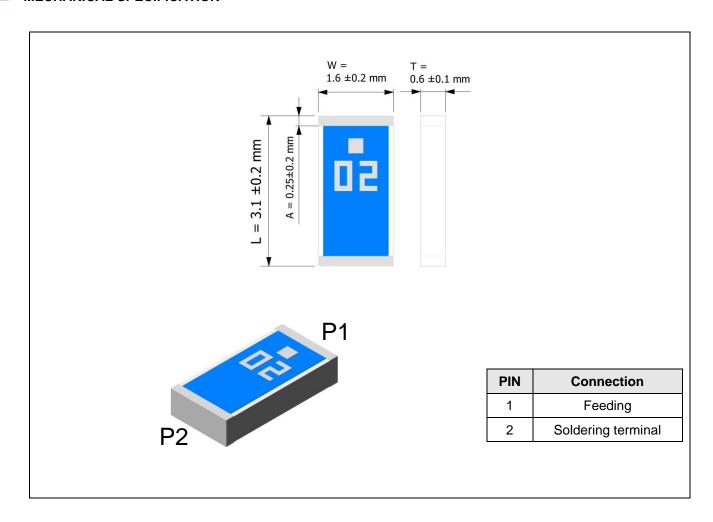
RCA-E-3216-A2-TR

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

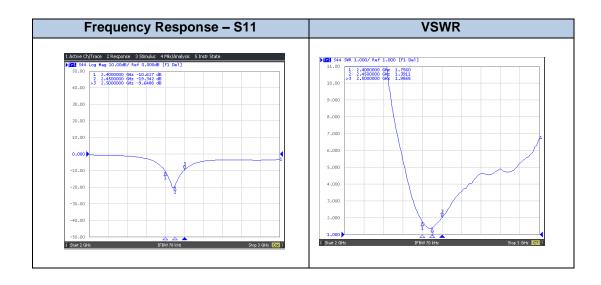
MECHANICAL SPECIFICATION

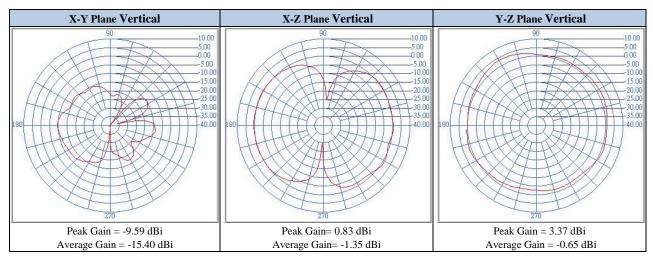


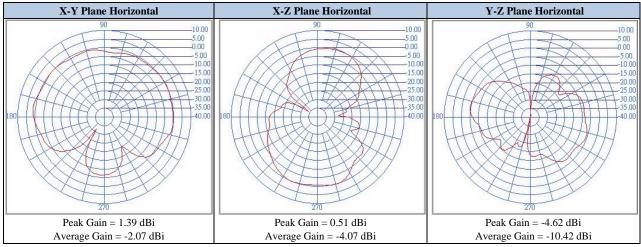


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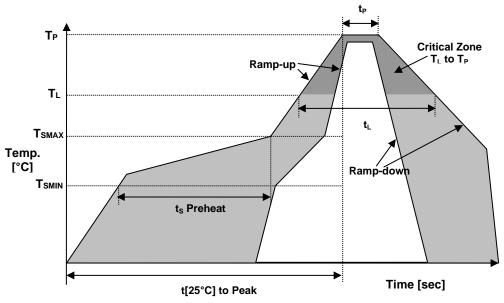




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REFLOW PROFILE



Reflow profile				
Temperature Min Preheat	T _{SMIN}	150°C		
Temperature Max Preheat	T _{SMAX}	200°C		
Time (T _{SMIN} to T _{SMAX})	ts	60-180 sec.		
Temperature	T∟	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	tL	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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