

ELECTRICAL SPECIFICATION

SPECIFICATIONS	SPECIFICATIONS	UNIT
Center Frequency	915.0	MHz
Bandwidth, min	25.0	MHz
Peak Gain, typ V-XZ	-1.0	dBi
Average gain, typ V-XZ	-4.0	dBi
VSWR, max	2.2	--
Impedance	50	Ω
Power, max	2	W
Operating Temperature Range	-40 to + 85	$^{\circ}$ C

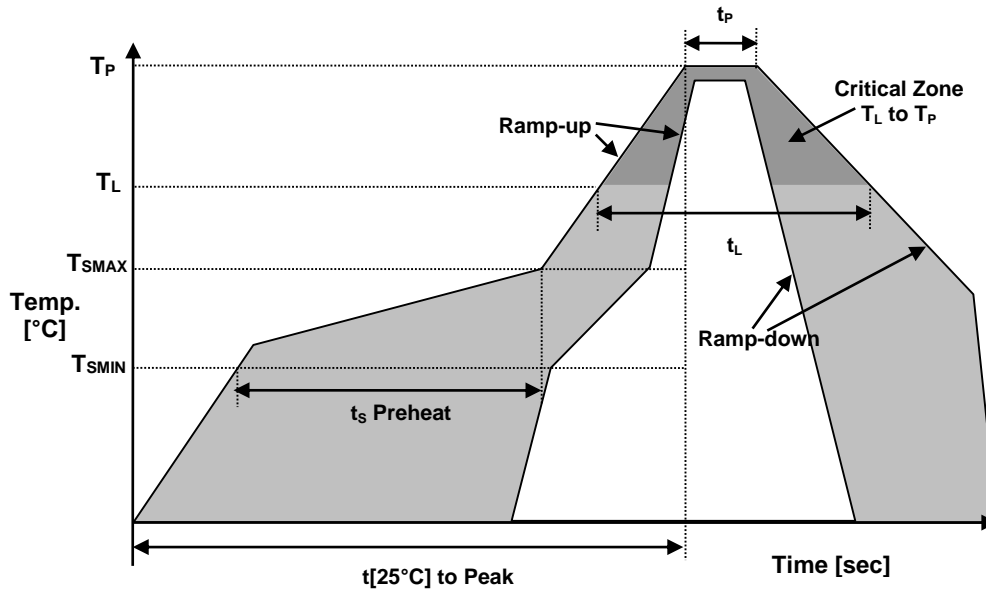
MECHANICAL SPECIFICATION

Unit: mm

	A	B	C	D	E	F	G	H
Dimension	7.0±0.2	2.0 ± 0.2	1.0 ± 0.2	0.5 ± 0.2	2.0± 0.2	1.5 ± 0.2	1.0 ± 0.2	6.0 ± 0.2

Pin	1	2
Connection	RF Feed	NC

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	Au



May, 2016