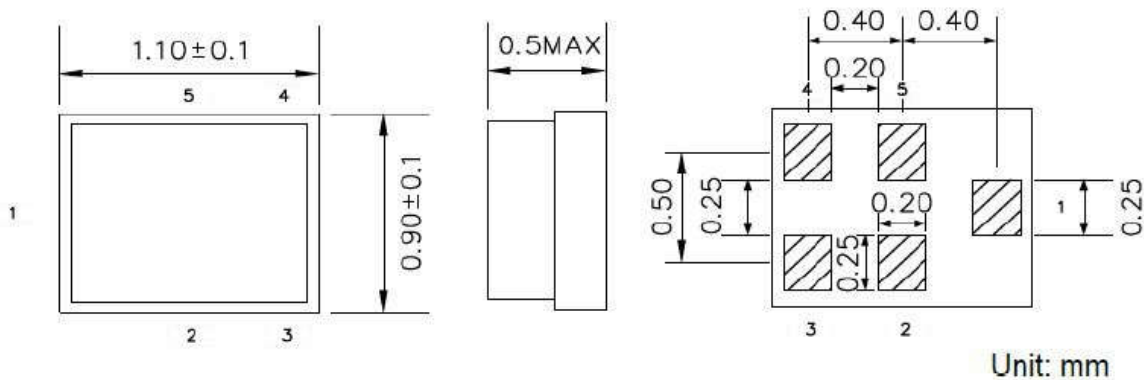


Electrical Specification

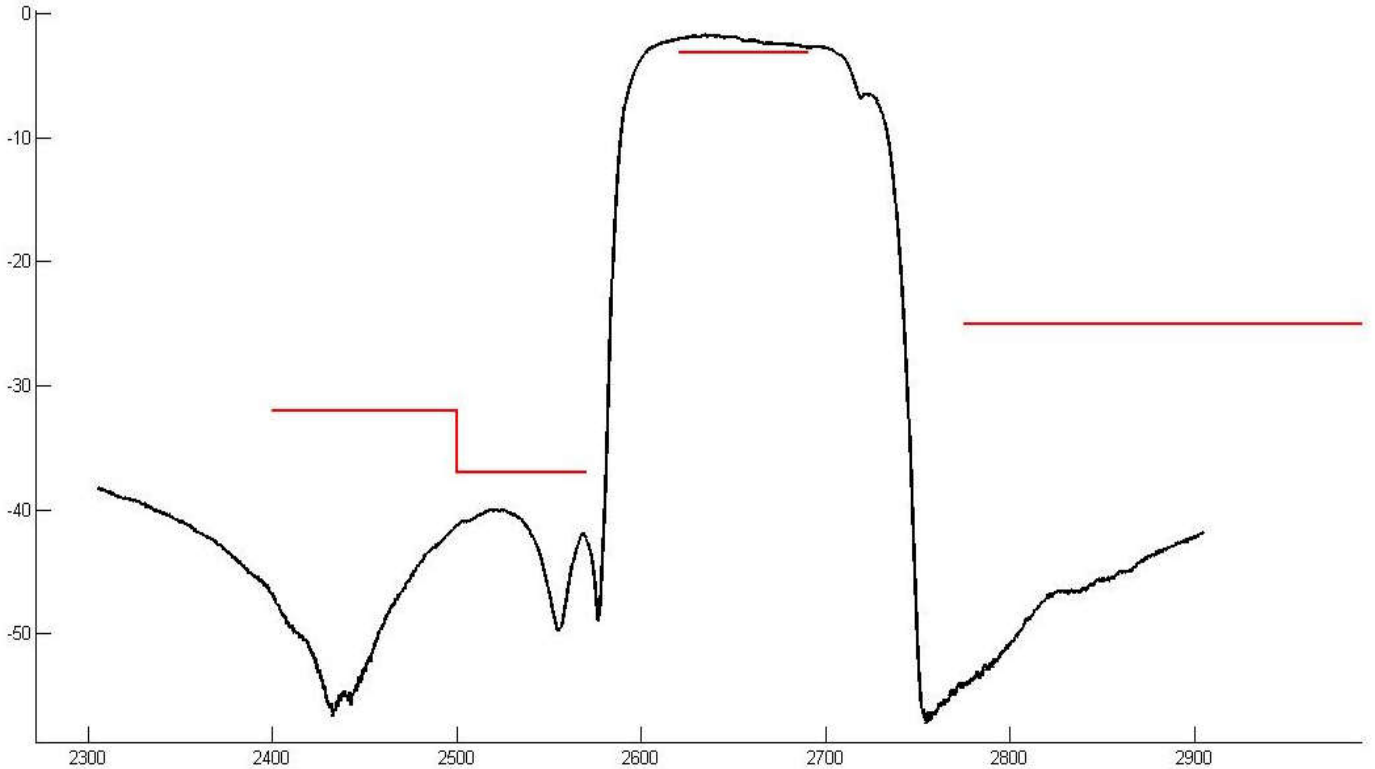
Items		Specification	Unit
Insertion Loss (2620 ~2690MHz) typ/max		2.0 / 3.2	dB
Amplitude Ripple (2620 ~2690MHz), typ/max		0.8 / 2.0	dB
VSWR (2620 ~2690MHz), typ/max	Input	1.7 / 2.2	-
	Output	1.7 / 2.2	-
Absolute Attenuation min/typ	832 ~ 862 MHz	-26 / -30	dB
	1710 ~ 1785 MHz	-25 / -30	dB
	2400 ~ 2500 MHz	-32 / -38	dB
	2500 ~ 2570 MHz	-37 / -42	dB
	2775 ~ 4900 MHz	-25 / -35	dB
	4900 ~ 5950 MHz	-28 / -30	dB
Terminating Source Impedance, unbalanced		50 // 5.8	Ω // nH
Terminating Load Impedance, unbalanced		50 // 5.8	Ω // nH
Input Power, 2000h		15	dBm
Operating Temperature Range		-20 to +85	°C
Storage Temperature		-40 to +85	°C

Dimension

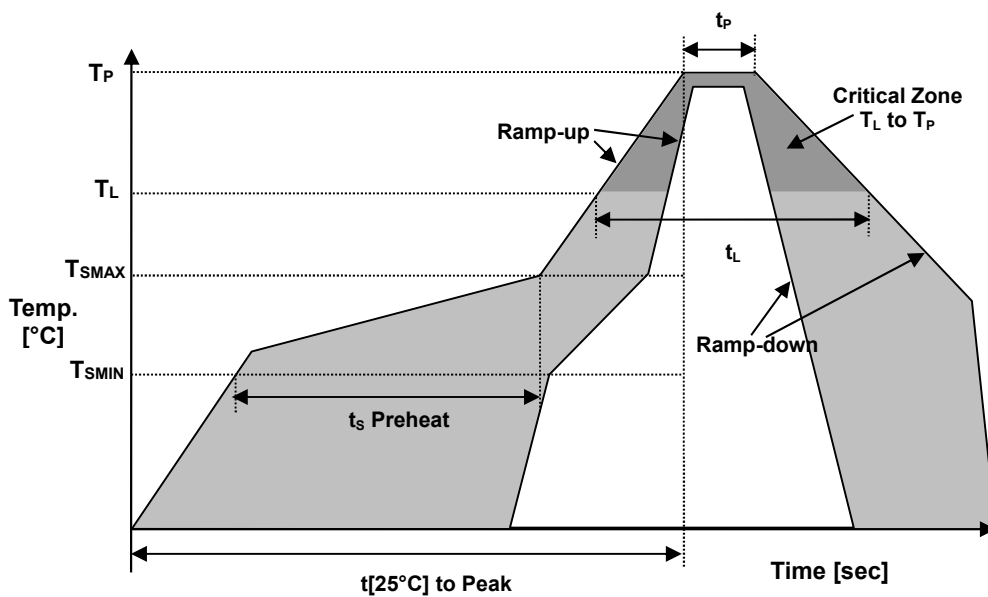


PIN #	PIN NAME	DESCRIPTION
1	Input	Unbalanced
2	GND	Ground
3	GND	Ground
4	Output	Balanced
5	GND	Ground

Frequency Characteristics



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	260°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
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016