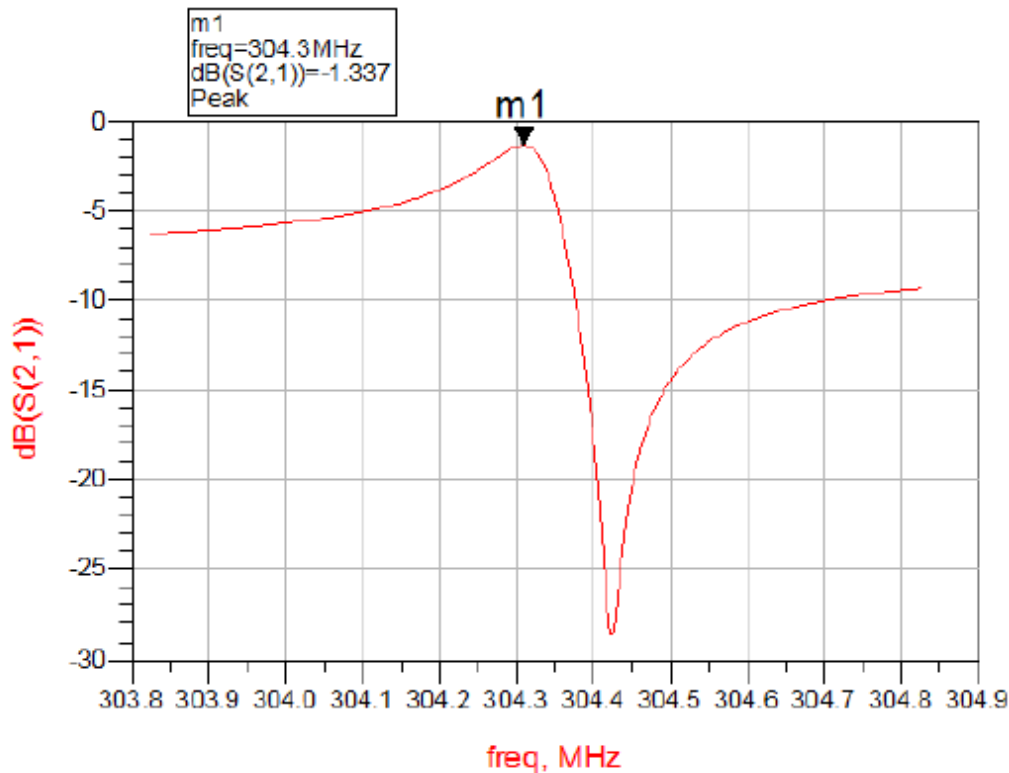
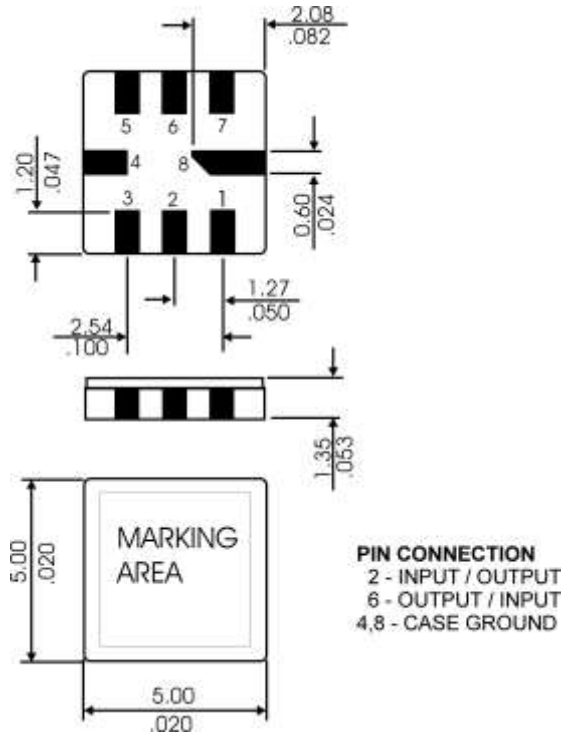


Items	Specification	Unit
Center frequency (fo)	304.325 ± 0.050	MHz
Insertion Loss, typ/max	1.4 / 1.7	dB
Quality Factor Unloaded, min/typ	8000 / 12800	-
Quality Factor 50 Ω Loaded, min/typ	900 / 1500	-
Turnover Temperature	25 ± 15	°C
Frequency Temperature Coefficient, Typ	-0.037	ppm/°C ²
Frequency Aging	< ±10	ppm/year
Insulation Resistance (DC), min	1.0	MΩ
Motional Resistance (R1), typ/max	18 / 26	Ω
Motional Inductance (L1), typ	164.77	μH
Motional Capacitance (C1), typ	1.66	fF
Shunt Static Capacitance (C0), typ	2.4	pF
DC Voltage, Max	10	V
AC Voltage V _{p-p} , 50/60Hz	10	V
Source Power, Max	0	dBm
Operating Temperature Range	-40 to +85	°C
Storage Temperature Range	-40 to +85	°C

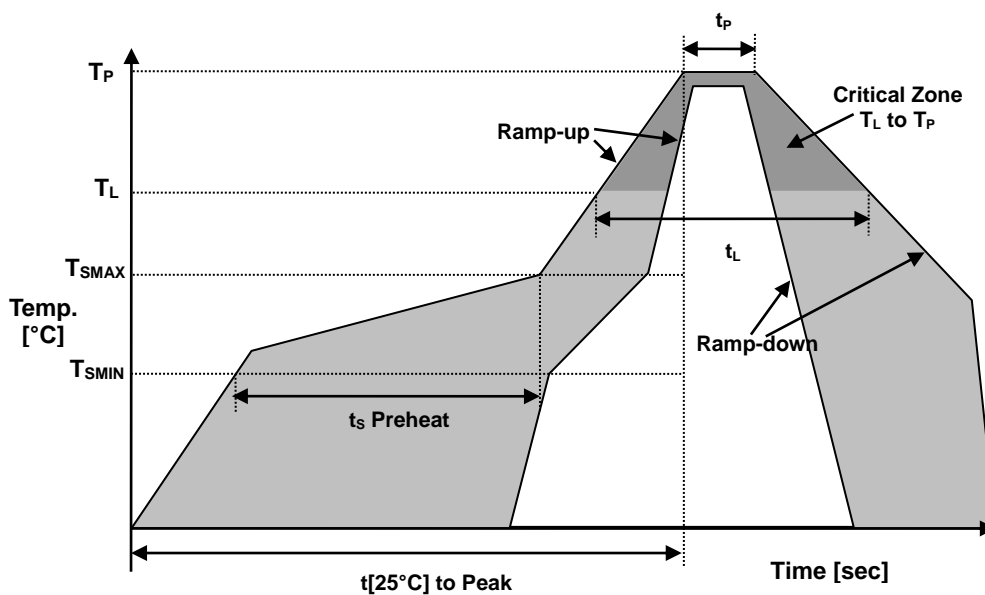
Frequency Characteristics



Dimensions



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
RoHS-2	6/6 COMPLIANT & LEAD FREE
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au



● APPROVAL

DRAWN BY	CP, March 06, 2015
APPROVED BY	CP, March 06, 2015
REVISION	A, Initial Release