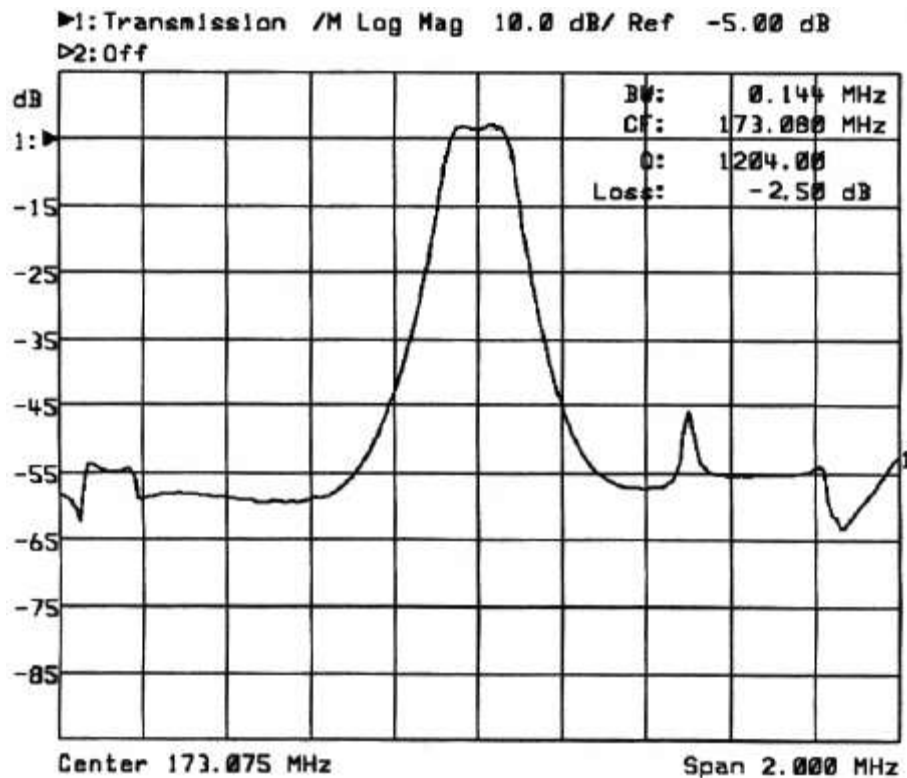


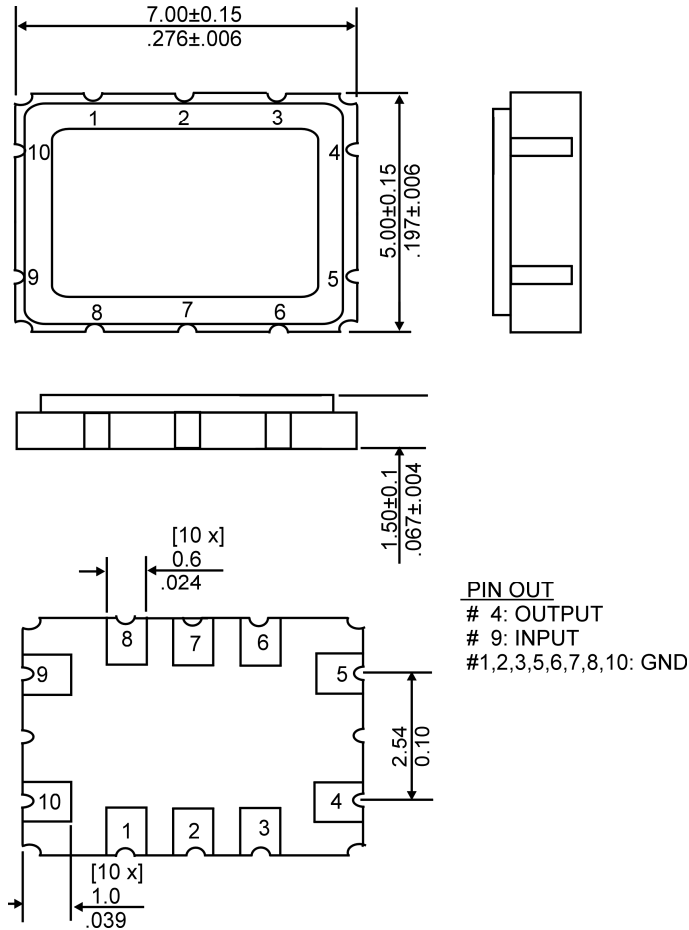
ELECTRICAL SPECIFICATION

Items		Specification	Unit
Center frequency (F ₀)		183.640	MHz
3dB Bandwidth		145±40	kHz
Insertion Loss within F ₀ ± 20kHz (typ/max)		2.8/4.0	dB
Passband Ripple within F ₀ ± 20kHz (max)		±0.5	dB
User Signal Band Width (min)		±20	kHz
CW RF Power Dissipation		20	W
Supply Voltage		+30	VDC
Operating Temperature Range		-40 to +85	°C
Storage Temperature		-40 to +85	°C
Turnover Temperature (min/max)		+15/+40	°C
Frequency Temperature Coefficient		0.032	ppm/°C ²
Aging (during the 1 st year)		±10	ppm
Absolute Attenuation (min/typ)	F ₀ ±200kHz	28/36	dB
	F ₀ -40MHz	40/50	dB

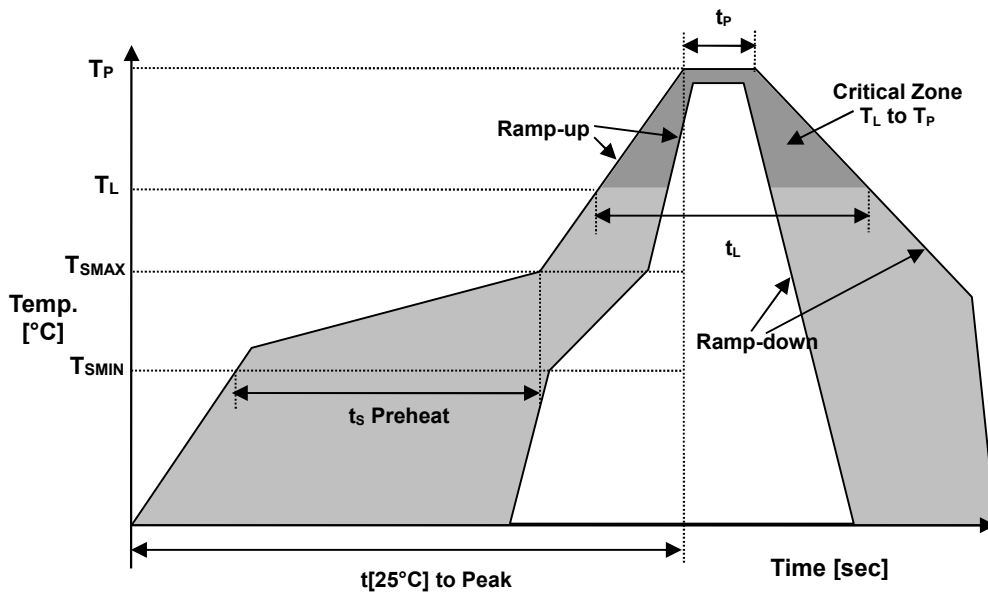
FREQUENCY CHARACTERISTICS



Dimension



● **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