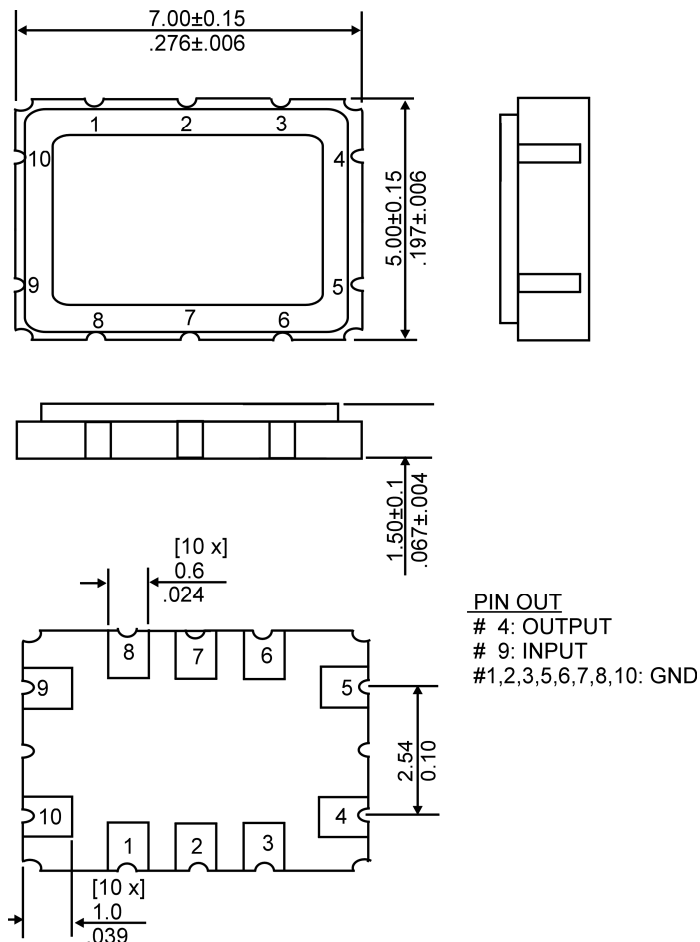


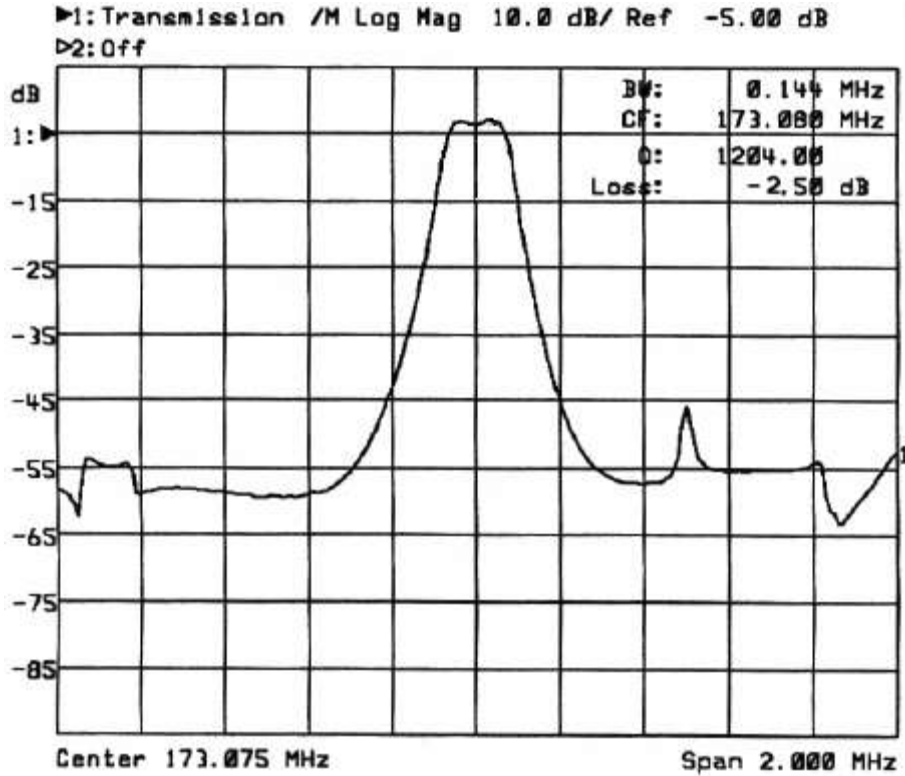
ELECTRICAL SPECIFICATION

Items	Specification	Unit
Center frequency (Fo)	173.075	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)	Fo±200kHz	28/36
	Fo-40MHz	40/50

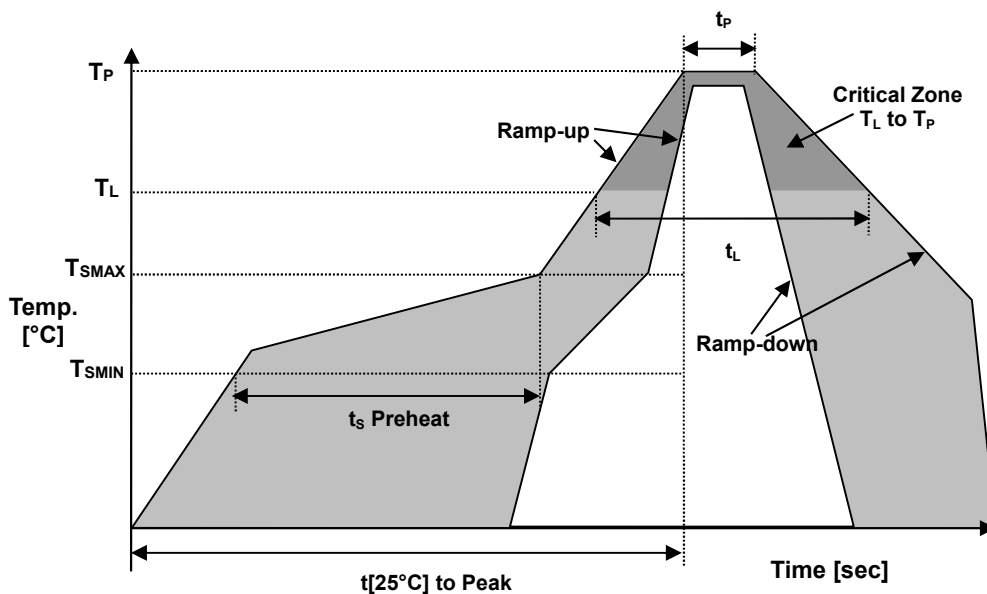
Dimension



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