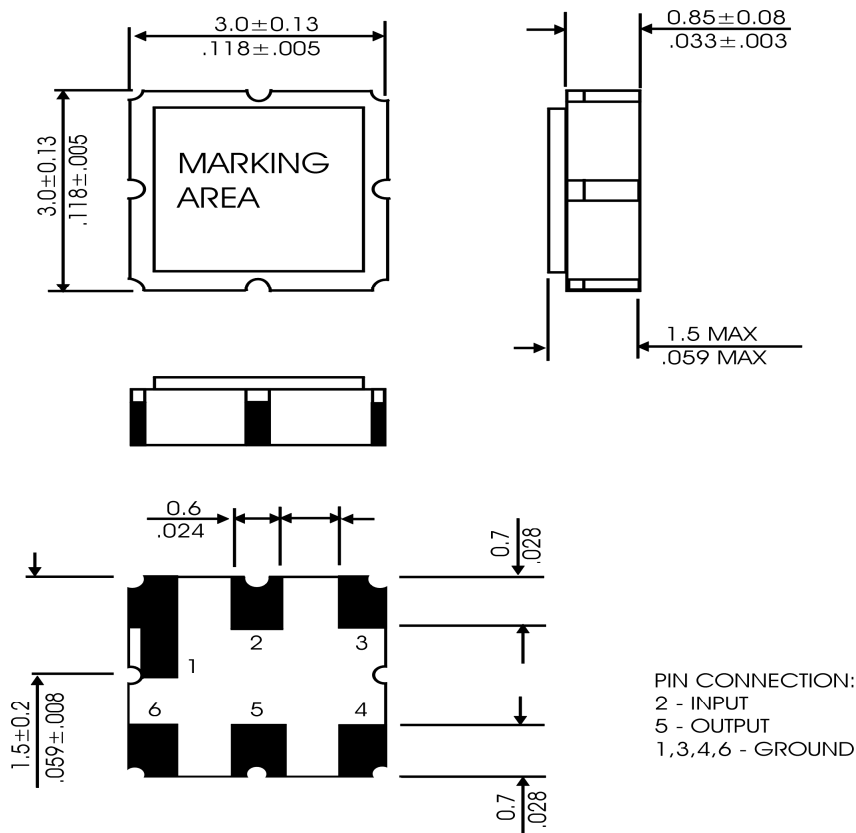
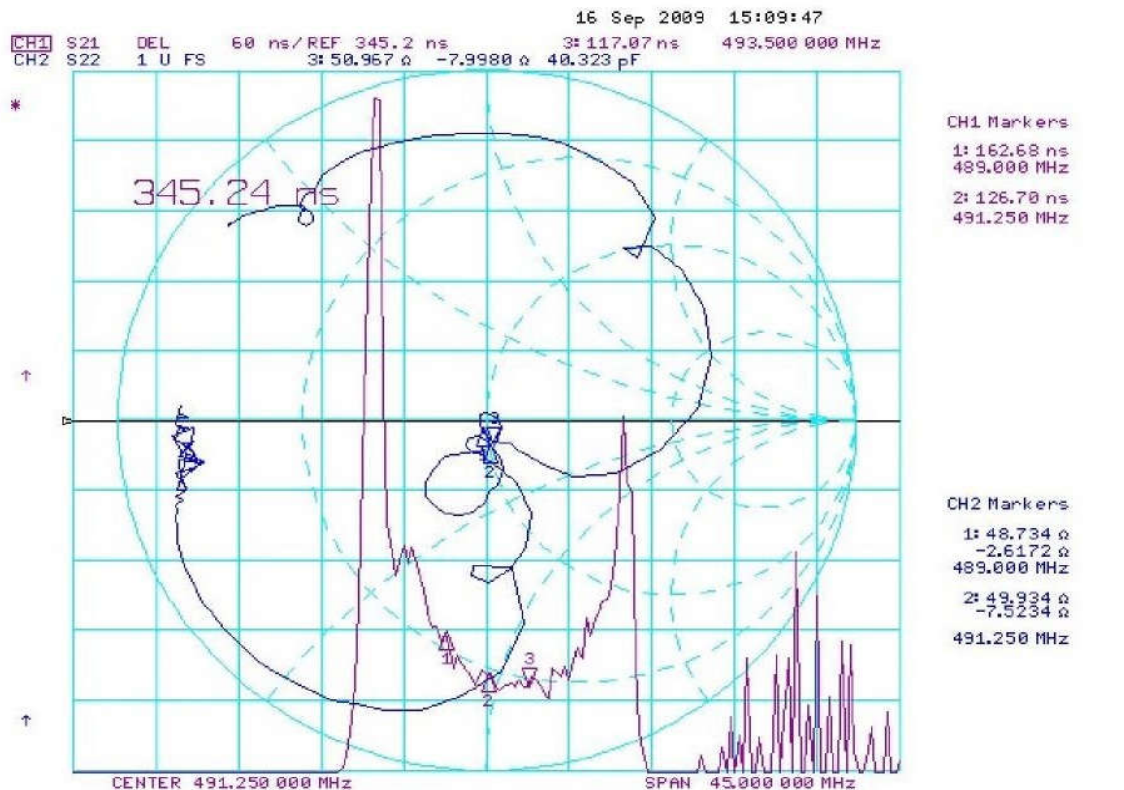
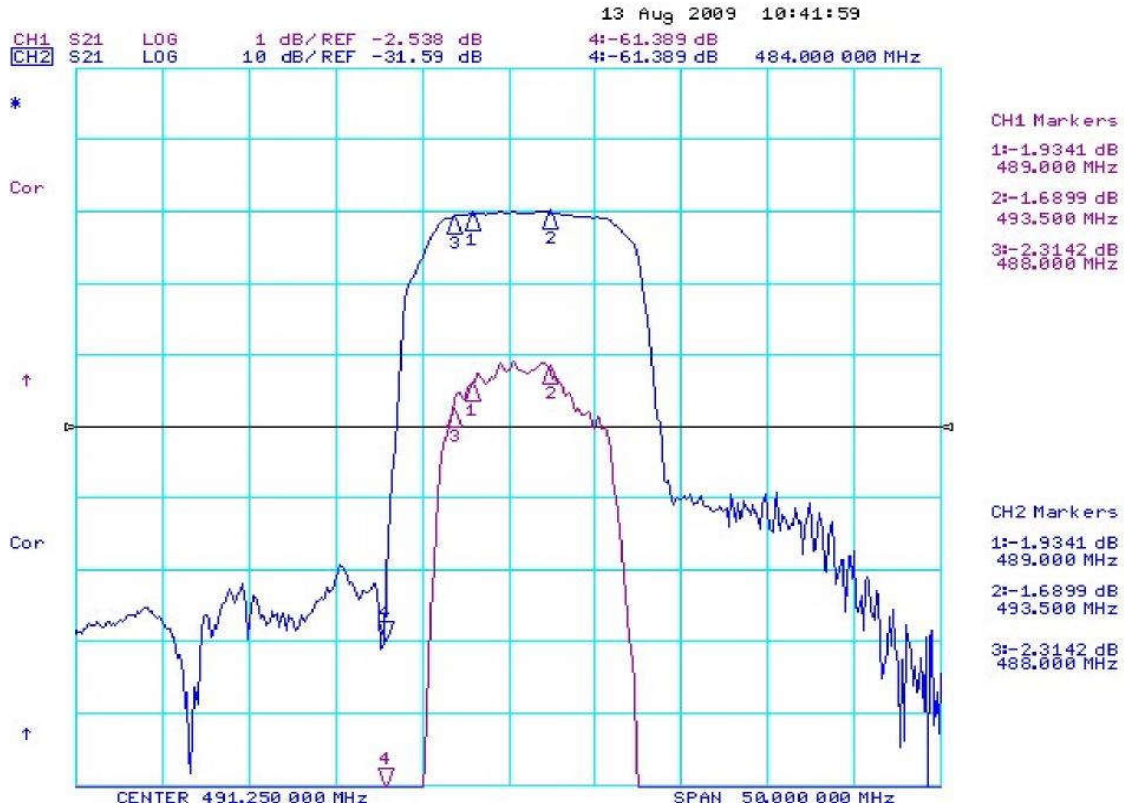


Items	Specification	Unit
Center frequency (Fo)	491.250	MHz
Bandwidth	4500	KHz
Insertion Loss in BW	3.5	dB Max
Amplitude Ripple (Variation)	1.2	dB Max
Absolute Attenuation	0.3 MHz ~ 470.0 MHz	45 dB min
	479.0 MHz ~ 483.5 MHz	45 dB min
	510.0 MHz ~ 520.0 MHz	38 dB min
	520.0 MHz ~ 750.0 MHz	45 dB min
	750.0 MHz ~ 1500.0 MHz	40 dB min
	1500.0 MHz ~ 2000.0 MHz	30 dB min
Group Delay Ripple (489.0 MHz ~ 493.5 MHz)	120	ns
VSWR (489.0 MHz ~ 493.5 MHz), MAX	2.0	
RF Input Power	26 dBm Max	
DC Voltage	0 V Max	
In/Out Impedance	50 Ω	
Operation Temperature	-40°C to +85°C	
Storage Temperature	-40°C to +85°C	

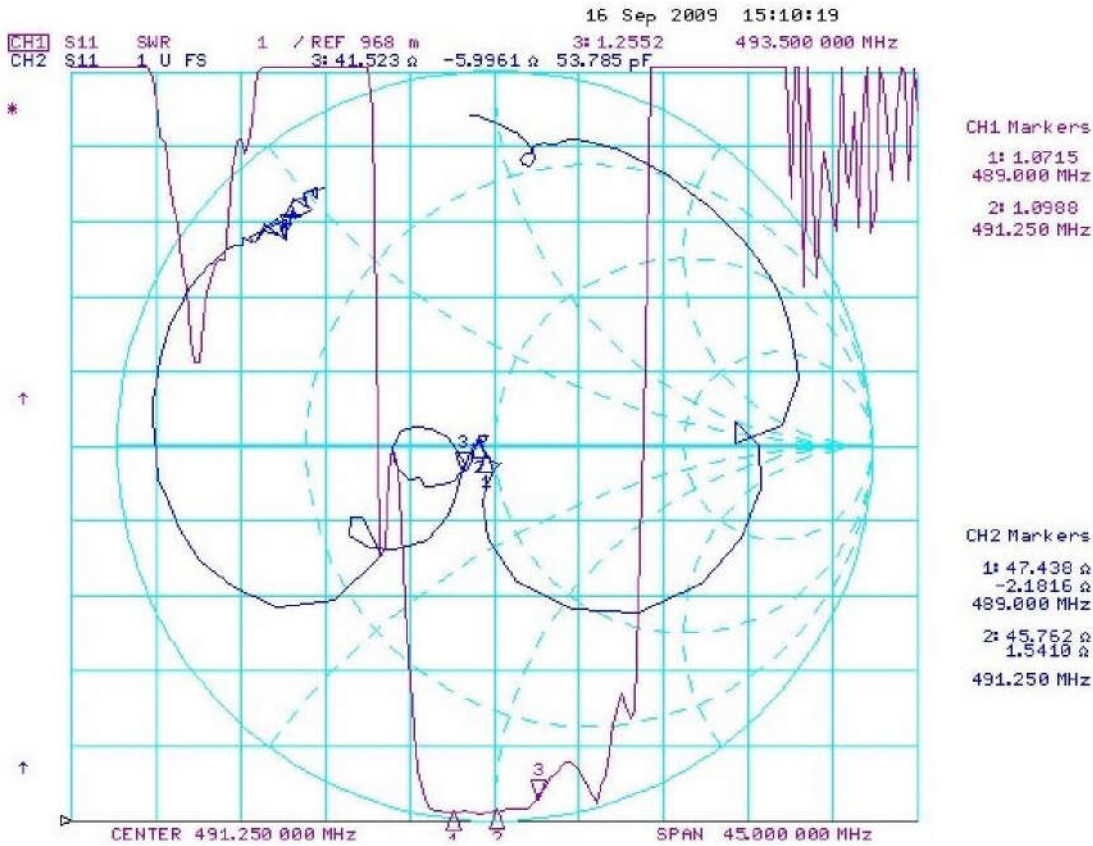
Dimension



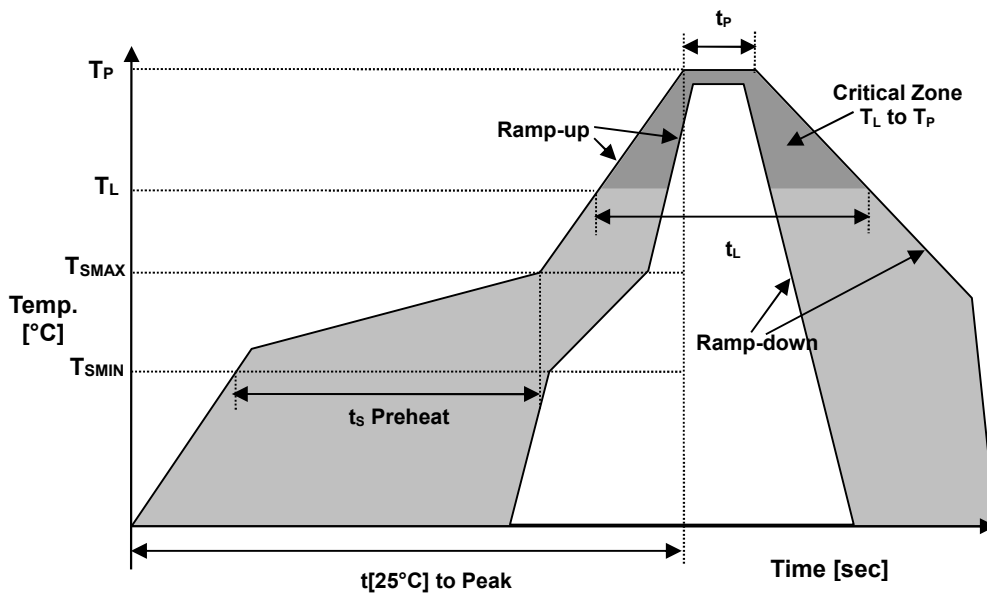
Typical Frequency Response



Typical Frequency Response - Continued



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