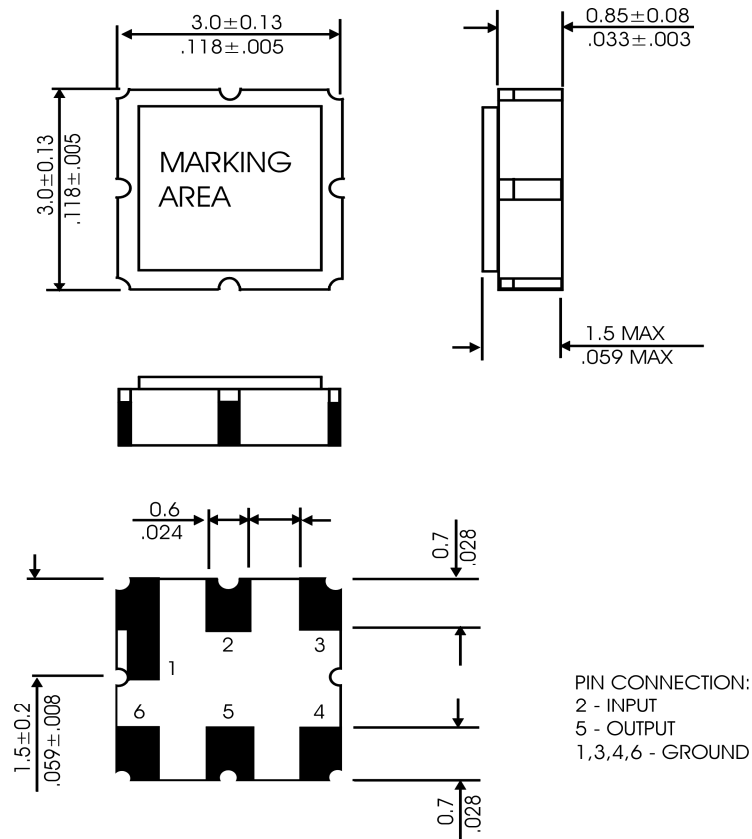
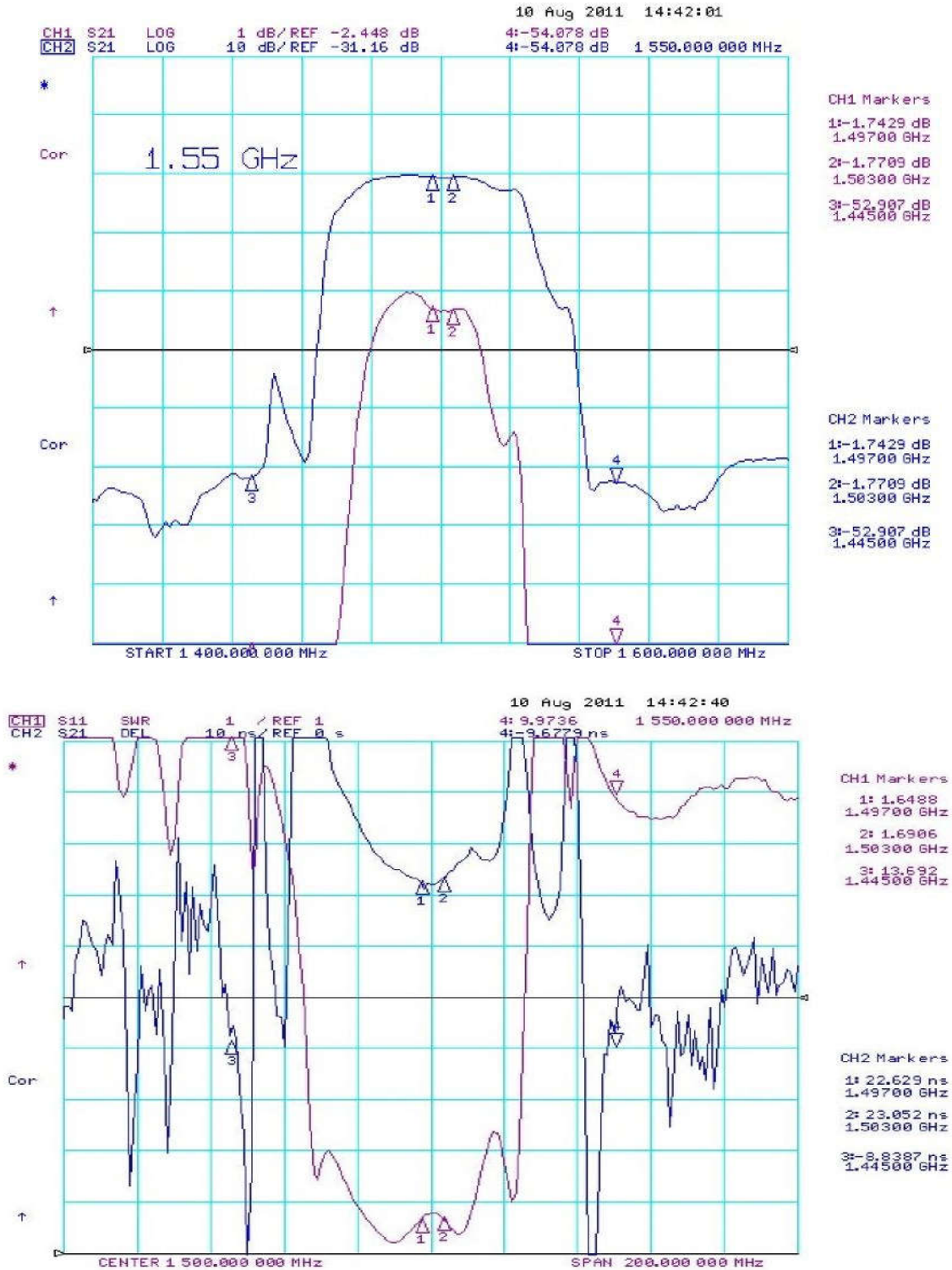


Items		Specification	Unit
Center frequency (Fo)		1500.00	MHz
Bandwidth		60000	KHz
Insertion Loss in BW		3.2	dB Max
Amplitude Ripple		1.0	dB Max
Group Delay Ripple		40	ns Max
Absolute Attenuation	0.3 MHz ~ 650 MHz	40	dB min
	650 MHz ~ 1400 MHz	40	dB min
	1400 MHz ~ 1430 MHz	40	dB min
	1560 MHz ~ 2000 MHz	35	dB min
	2000 MHz ~ 2500 MHz	30	dB min
	2500 MHz ~ 3000 MHz	25	dB min
VSWR (1497 MHz ~ 1503 MHz), Max		2.0	
Input Power		10 dBm Max	
DC Voltage		12 V Max	
In/Out Impedance		50 Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

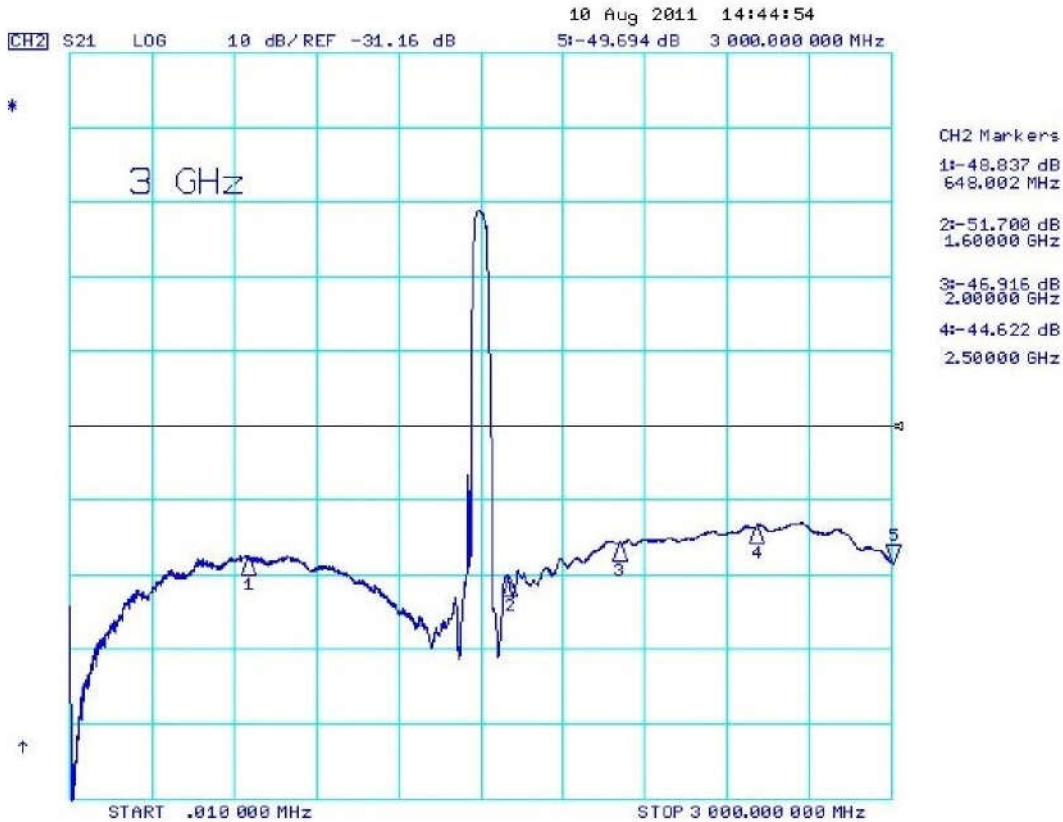
Dimension



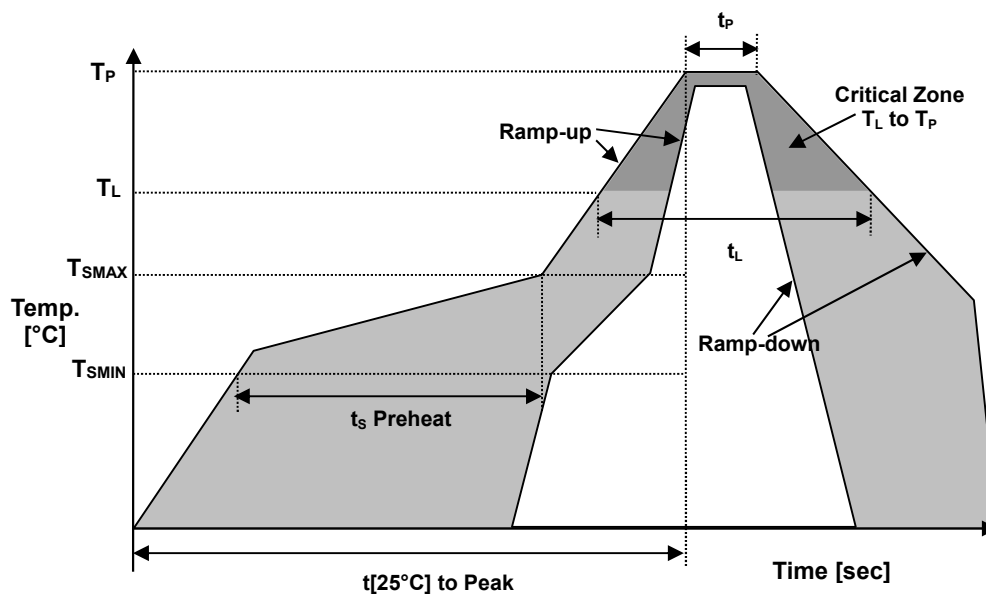
Typical Frequency Response



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