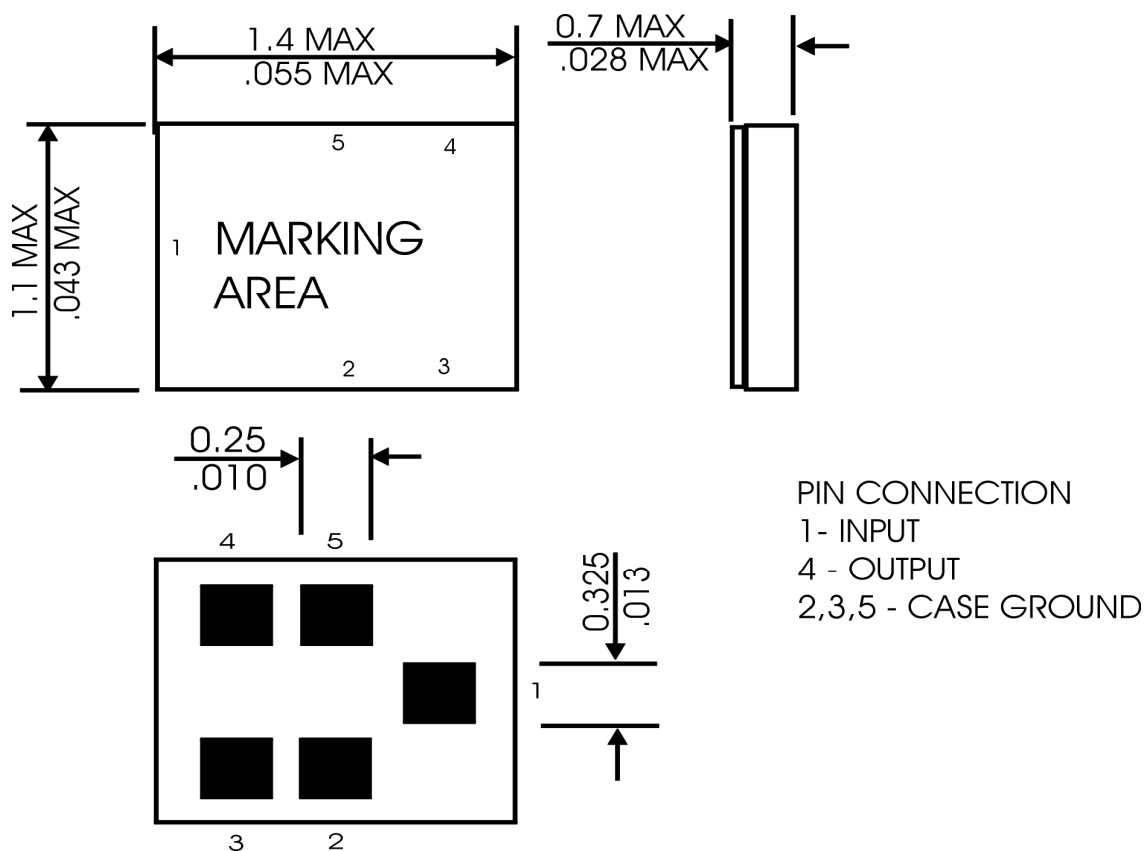


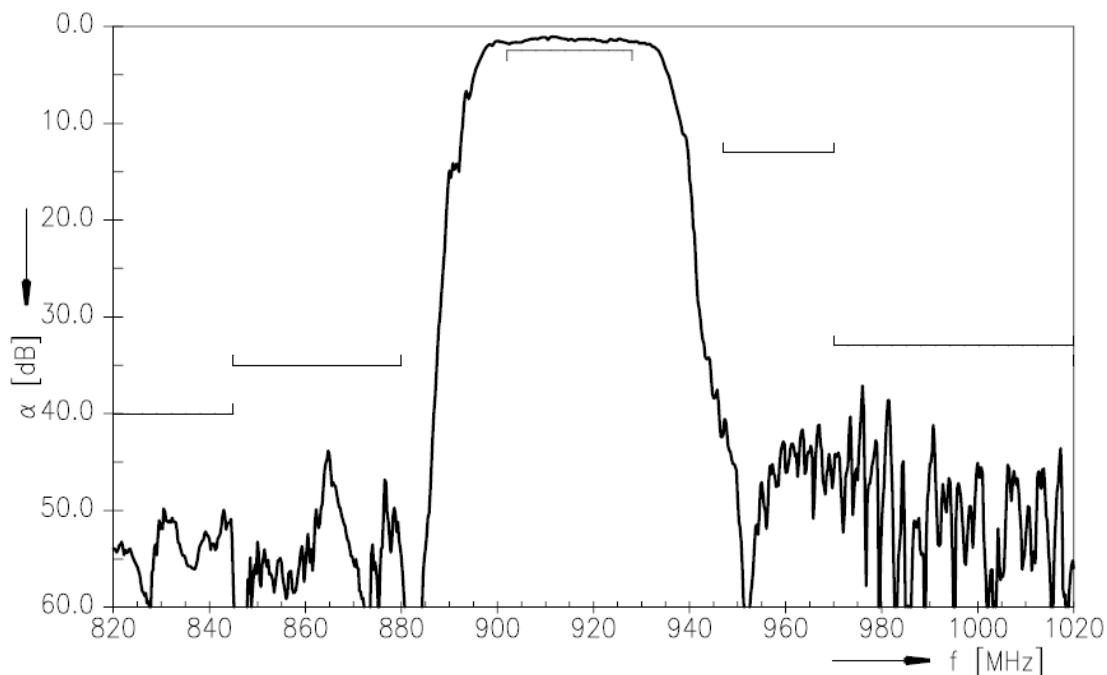
Parameters		Specification	Unit
Center frequency (Fo)		915.000	MHz
Bandwidth		26000	kHz
Insertion Loss in BW, Max		2.5	dB
Amplitude Ripple in BW, Max		1.8	dB
Attenuation, Minimum	10 MHz ~ 800 MHz	42	dB
	800 MHz ~ 845 MHz	40	dB
	845 MHz ~ 880 MHz	35	dB
	947 MHz ~ 970 MHz	13	dB
	970 MHz ~ 1020 MHz	33	dB
	1020 MHz ~ 1200 MHz	35	dB
DC voltage		0	V
Input Power, Max		10	dBm
In/Out Impedance		50	Ω
Operating temperature range		-40 to +85	°C
Storage Temperature		-40 to +85	°C

Dimension

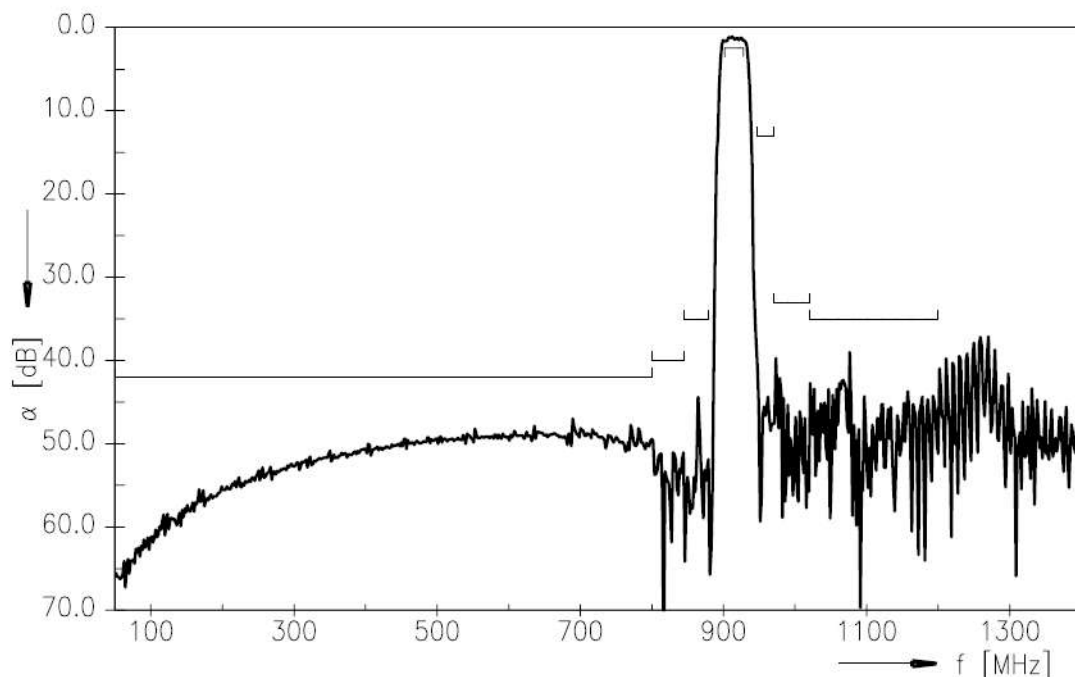


Frequency Characteristics

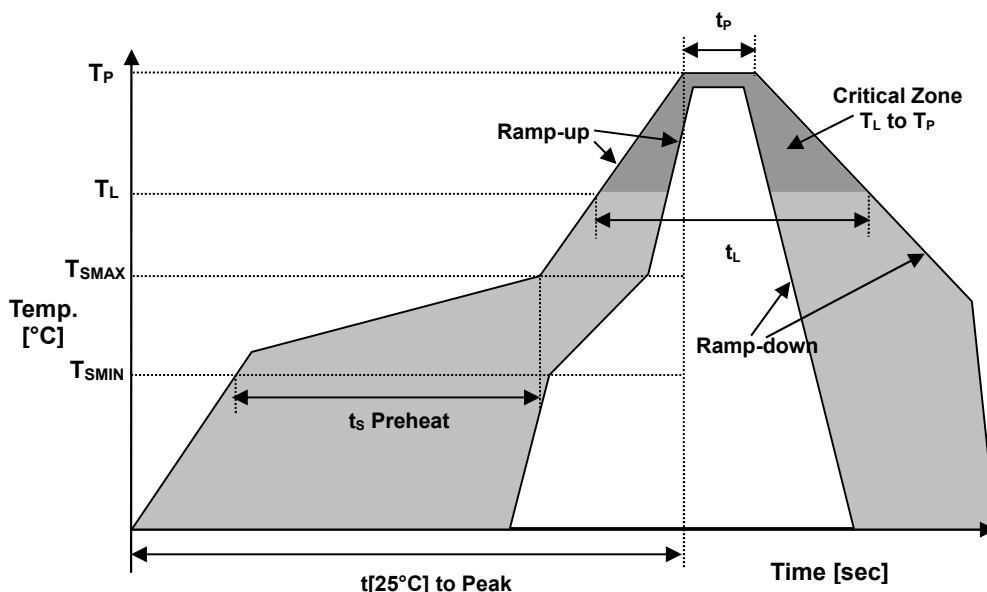
Transfer function



Transfer function (wideband)



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 $t[25^\circ\text{C}]$ to Peak Temperature	$t[25^\circ\text{C}]$ to Peak	480 sec.
Time	t_L	60-150 sec.

Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



April 2016