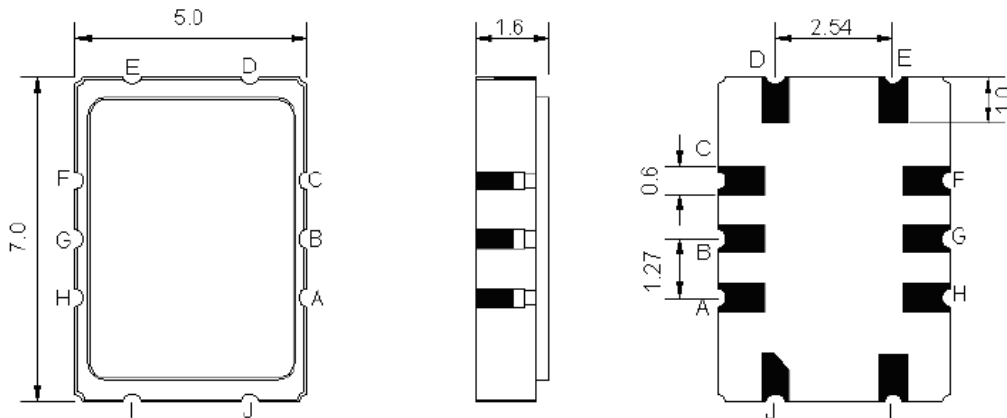


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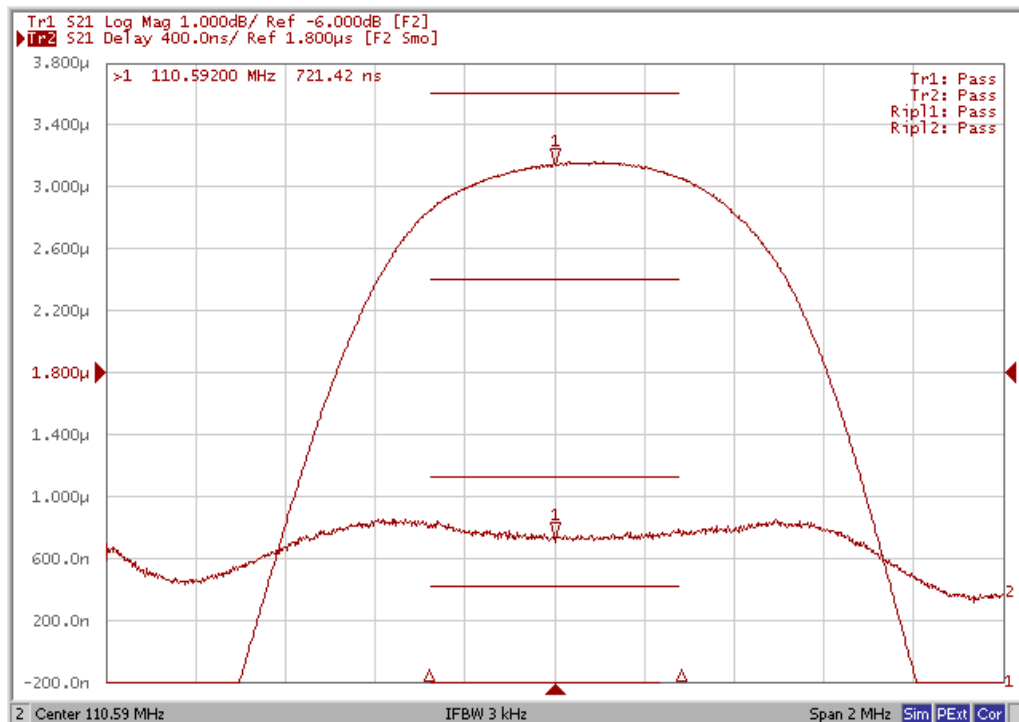
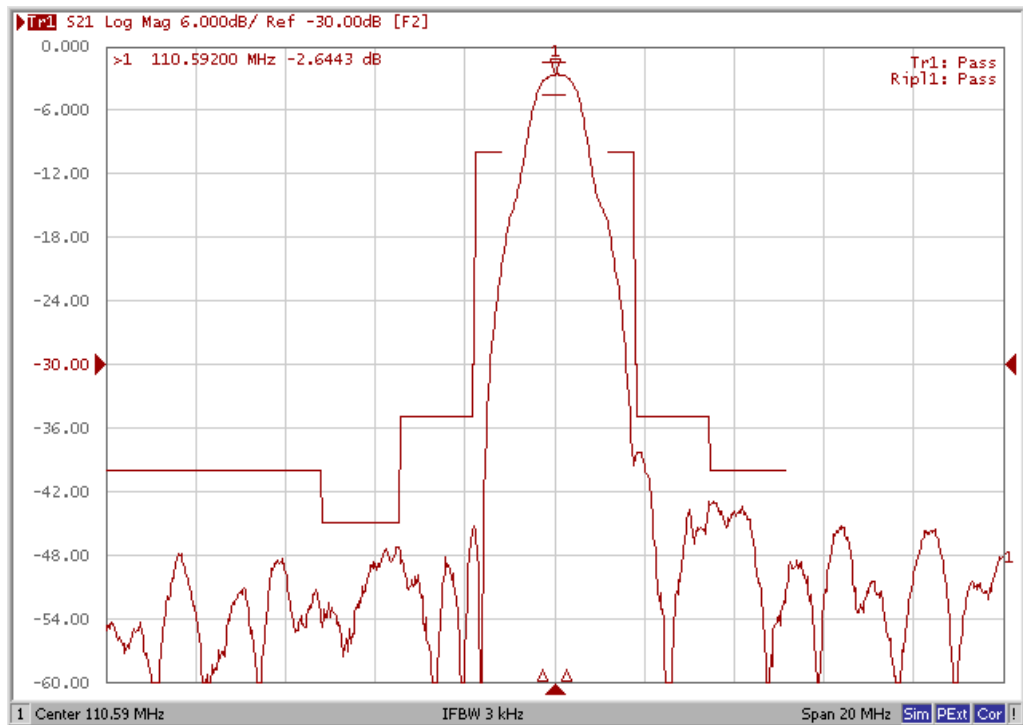
Items		Specification	Unit
Center frequency(Fo)		110.592	MHz
Bandwidth		280	kHz
Insertion Loss, BW		4.5	dB max
Amplitude Ripple, BW		3.0	dB max
Group Delay Ripple, BW		700	ns max
Attenuation	Fo ~ Fo ±0.280 MHz	3.0	dB max
	Fo ±1.150 MHz ~ Fo ±1.728 MHz	10	dB min
	Fo ±1.728 MHz ~ Fo ±1.828 MHz	30	dB min
	Fo ±1.828 MHz ~ Fo ±3.456 MHz	35	dB min
	Fo + 3.456 MHz ~ Fo +5.184 MHz	40	dB min
	Fo - 3.456 MHz ~ Fo - 5.184 MHz	45	dB min
	Fo - 5.184 MHz	50	dB min
	Fo - 5.184 MHz ~ Fo - 15.00 MHz	40	dB min
Impedance		50 ohm	
Input power, Maximum		0 dBm	
DC Voltage, Maximum		3 V	
Operation Temperature		-20°C to +70°C	
Storage Temperature		-40°C to +85°C	

Dimension

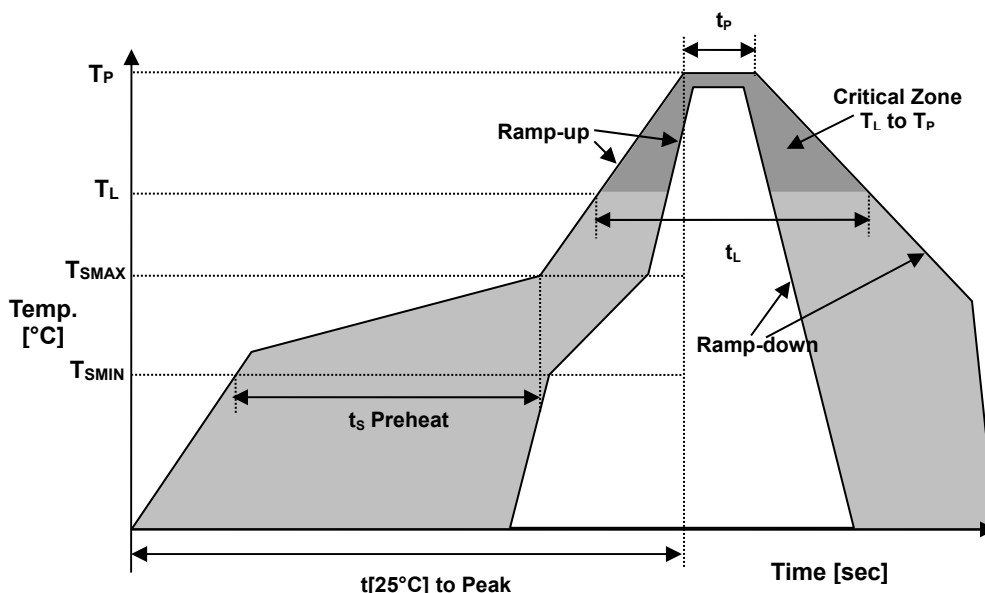


Pin Description	
A,B,C,F,G,H	Ground
I	Input
J	Ground
D	Output
E	Ground

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 $t[25^\circ\text{C}]$ 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
RoHS-2	6/6 COMPLIANT & LEAD FREE
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au



April 2016