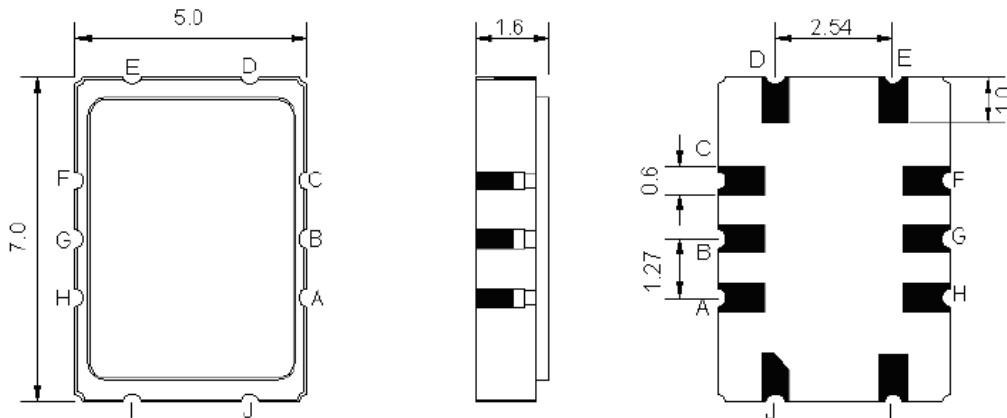


RSF-110.592-280-7050-TR

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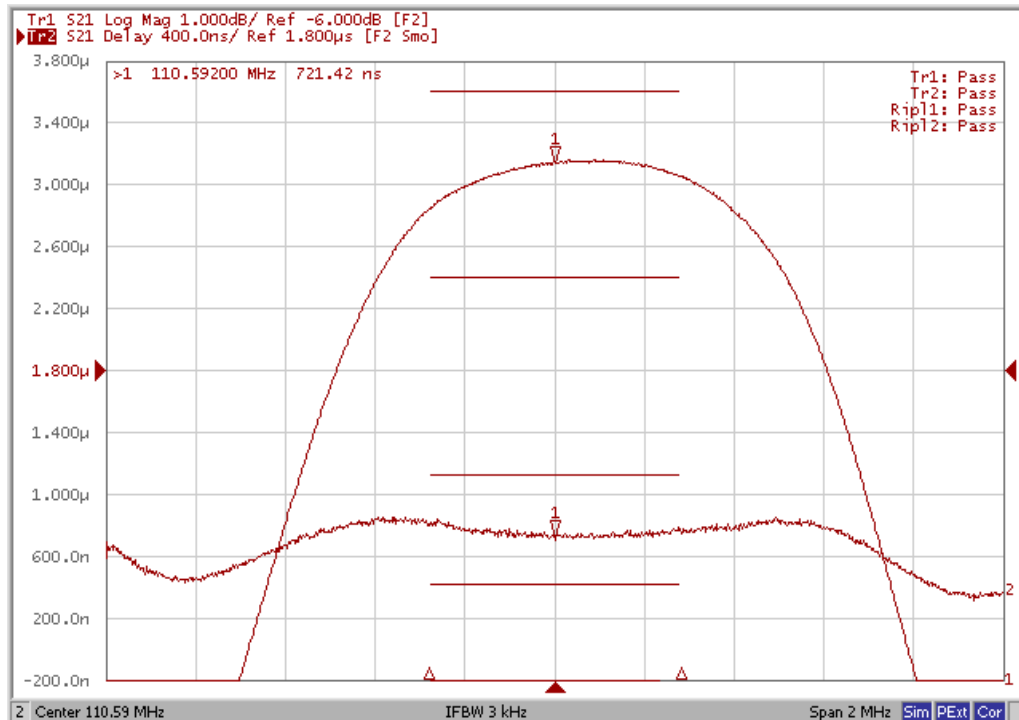
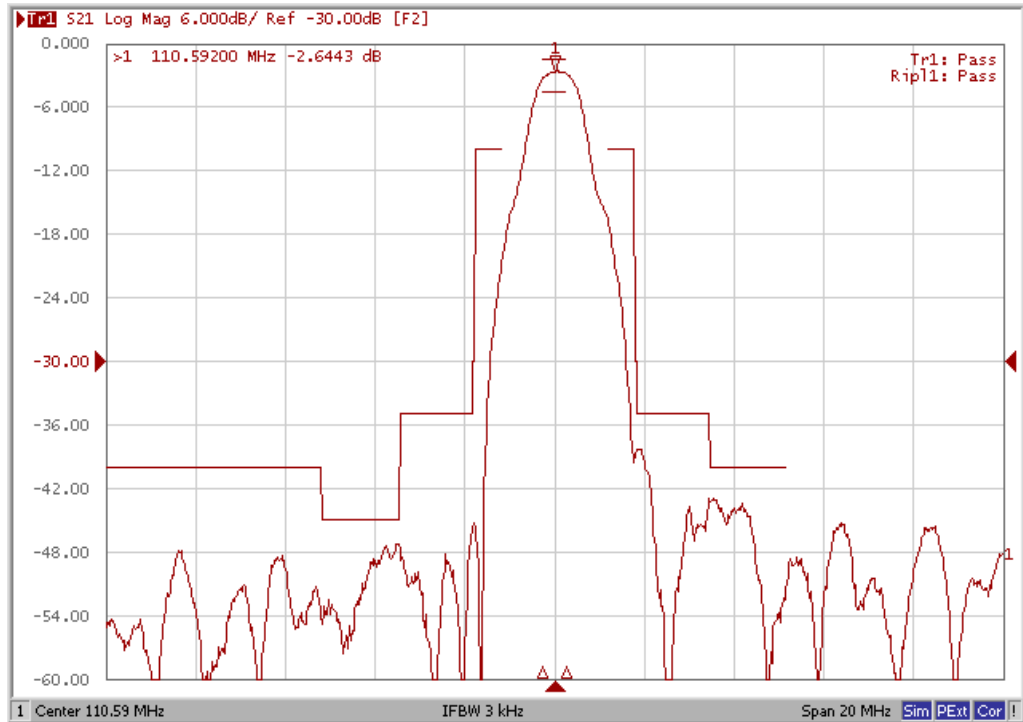
Items		Specification	Unit
Center frequency(F_o)		110.592	MHz
Bandwidth		280	kHz
Insertion Loss, BW		4.5	dB max
Amplitude Ripple, BW		3.0	dB max
Group Delay Ripple, BW		700	ns max
Attenuation	F_o ~ $F_o \pm 0.280$ MHz	3.0	dB max
	$F_o \pm 1.150$ MHz ~ $F_o \pm 1.728$ MHz	10	dB min
	$F_o \pm 1.728$ MHz ~ $F_o \pm 1.828$ MHz	30	dB min
	$F_o \pm 1.828$ MHz ~ $F_o \pm 3.456$ MHz	35	dB min
	$F_o + 3.456$ MHz ~ $F_o + 5.184$ MHz	40	dB min
	$F_o - 3.456$ MHz ~ $F_o - 5.184$ MHz	45	dB min
	$F_o - 5.184$ MHz	50	dB min
	$F_o - 5.184$ MHz ~ $F_o - 15.00$ 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

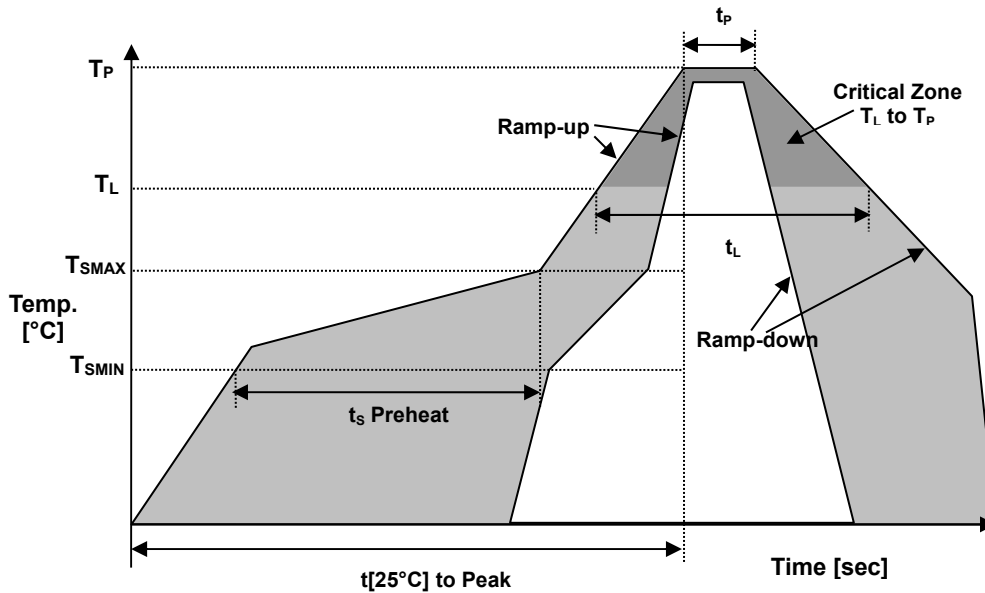


Pin Description	
A,B,C,F,G,H	Ground
I	Input
J	Ground
D	Output
E	Ground

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