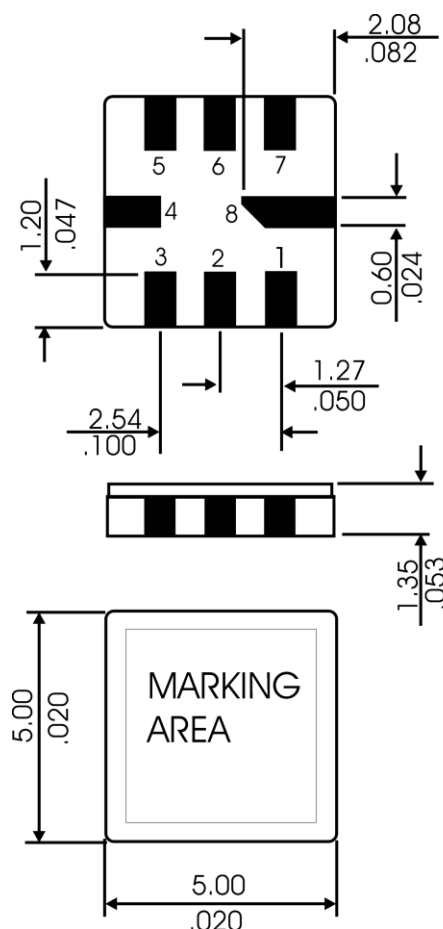


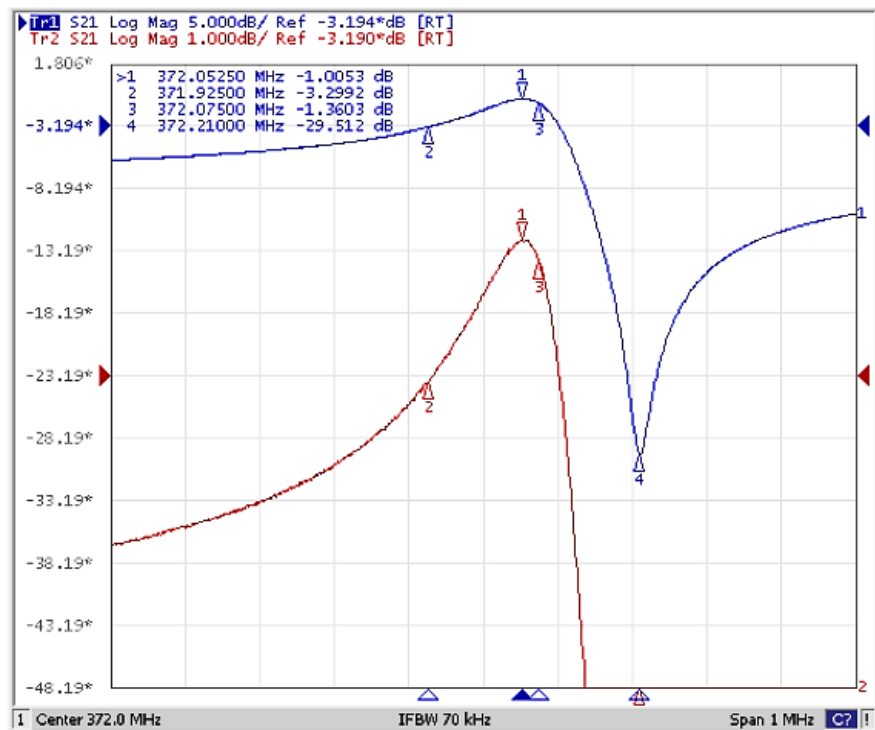
Items	Specification	Unit
Center frequency (fo)	372.000 ± 0.075	MHz
Insertion Loss, typ/max	1.5 / 2.2	dB
Quality Factor Unloaded, min/typ	6000 / 12000	-
Quality Factor 50 Ω Loaded, min/typ	900 / 1200	-
Turnover Temperature	25 ±15	°C
Frequency Temperature Coefficient, typ	0.037	ppm/°C <sup>2</sup>
Frequency Aging, max	±10	ppm/year
Insulation Resistance (DC), min	1.0	MΩ
Motional Resistance (R1), typ/max	15 / 26	Ω
Motional Inductance (L1), typ	113.6	μH
Motional Capacitance (C1), typ	1.611	fF
Shunt Static Capacitance (C0), typ	1.8	pF
DC Voltage	10	V
AC Voltage (V <sub>PP</sub> ), 50Hz/60Hz	10	V
Power	0	dBm
Operating Temperature Range	-40 ~ +85	°C
Storage Temperature Range	-40 ~ +85	°C

## Dimension

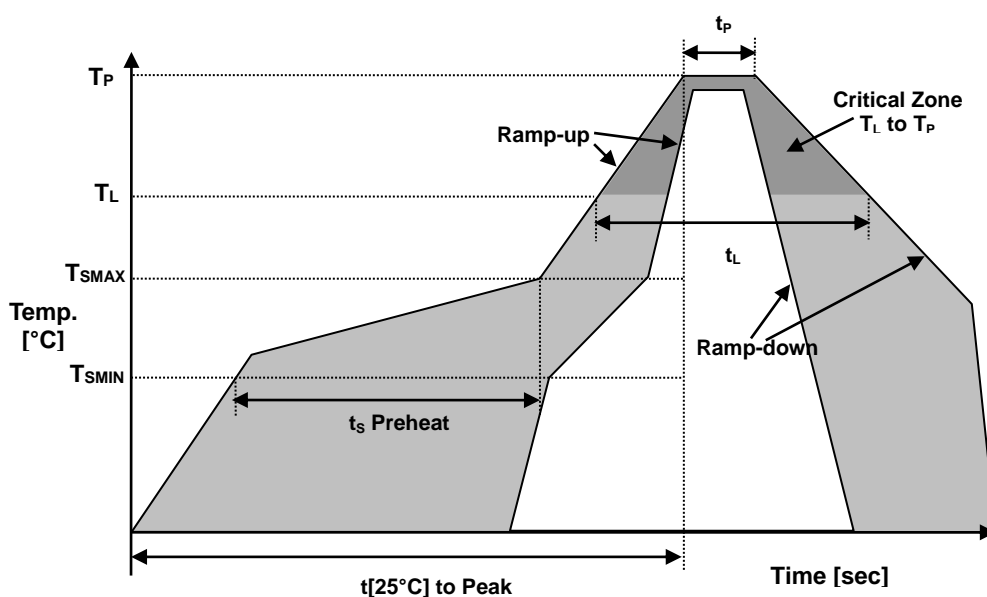


**PIN CONNECTION**  
2 - INPUT / OUTPUT  
6 - OUTPUT / INPUT  
4,8 - CASE GROUND

## ● 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	$T_P$	245°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	COMPLIANT
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au



### ● APPROVAL

DRAWN BY	LP, June 26, 2017
APPROVED BY	JL, June 26, 2017
REVISION	A, Initial Release

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