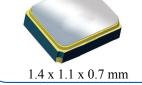
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 $\label{lem:moisture Sensitivity Level (MSL) - This product is Hermetically Sealed and not Moisture Sensitive - MSL = N/A: Not Applicable$

FEATURES:

- \bullet 1.4 x 1.1 x 0.7 mm low profile SMT package
- Low Insertion loss
- Excellent selectivity with high out-of-band rejection





> APPLICATIONS:

- •Wireless Communication
- Remote Control
- Cellular Phones

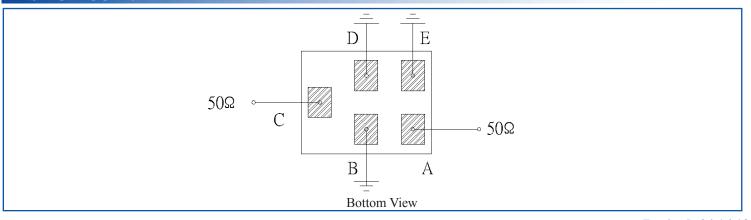
ELECTRICAL SPECIFICATIONS:

Maximum Ratings

Item	Value		
Input Power Level	+13 dBm max.		
DC Permissive Voltage	3.0V DC max.		
Operating Temperature Range	-30°C to +85°C		
Storage Temperature Range	-40°C to +85°C		

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency (f _c)		2017.50		MHz	
Insertion Loss (IL)		2.0	2.8	dB	(2010.00~2025.00MHz)
Effective Bandwidth		15		MHz	
Amplitude Ripple		0.25	1.00	dB	(2010.00~2025.00MHz)
Worst-Case Input / Output Return Loss		20.8	10.88	dB	(2010.00~2025.00MHz)
Stop-band Attenuation (Referenced to 0.0 dB)	41	45		dB	DC~1850 MHz
	34	36			1850~1950 MHz
	15	19			1950~1980 MHz
	6	13			2050~2075 MHz
	23	37			2075~2110 MHz
	37	40			2110~3500 MHz
	34	40			3500~4060 MHz
	29	37			4060~5000 MHz
	25	35			5000~5500 MHz
	23	33			5500~6000 MHz
Terminating Source Impedance (Z _S)		50		Ω	
Temperature Coefficient of Frequency		-36		ppm/°C	

TEST CIRCUIT:

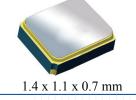




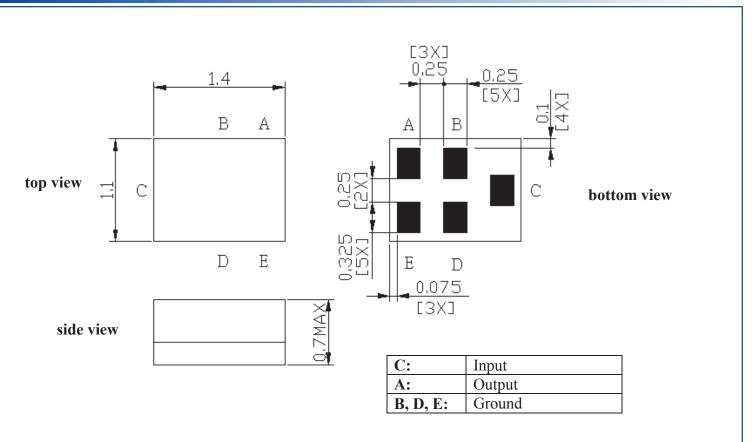


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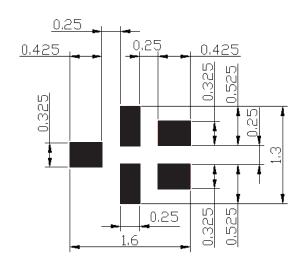


OUTLINE DIMENSIONS:



*All Dimensions are in mm

Recommended Land Pattern:



: Land Pattern

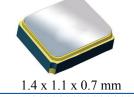
Unit: mm





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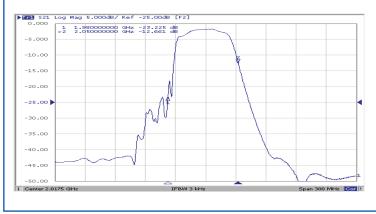


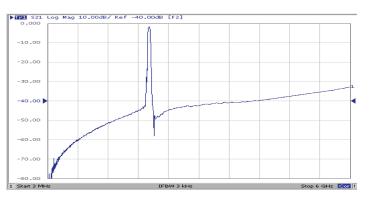
> FREQUENCY CHARACTERISTICS:





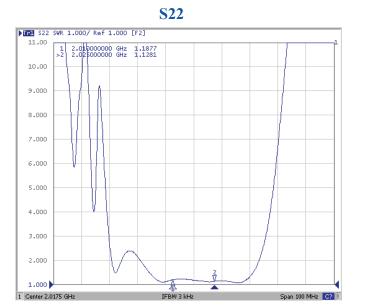
Filter Frequency Response (Wideband)





REFLECTION FUNCTIONS:



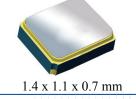




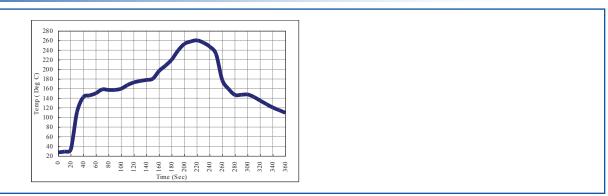


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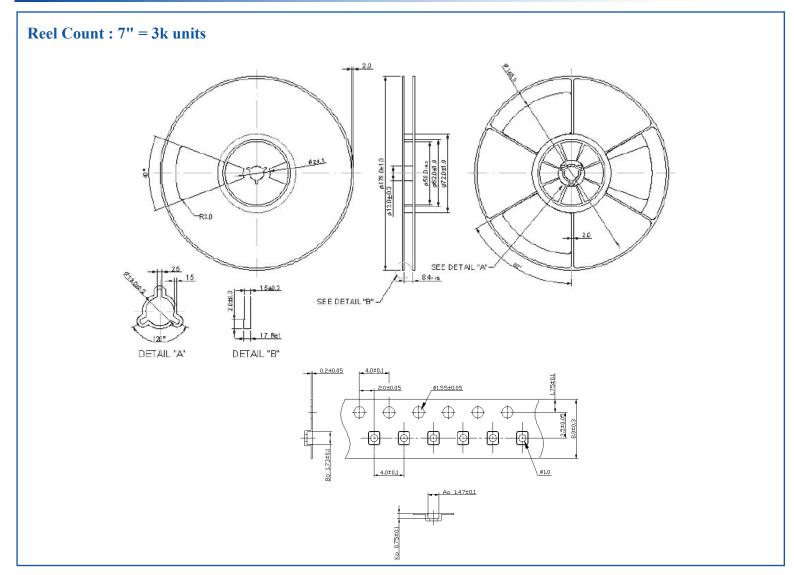




REFLOW PROFILE:



PACKAGING: 3000 Units/Reel "-T2" parts (2k/reel) are no longer available effective 01/01/2013



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