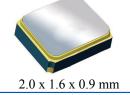
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 $\label{eq:model} \begin{tabular}{ll} Moisture Sensitivity Level (MSL) - This product is Hermetically Sealed and not Moisture Sensitive - MSL = N/A: Not Applicable \\ \end{tabular}$





> FEATURES:

- 2.0 * 1.6 * 0.9 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:

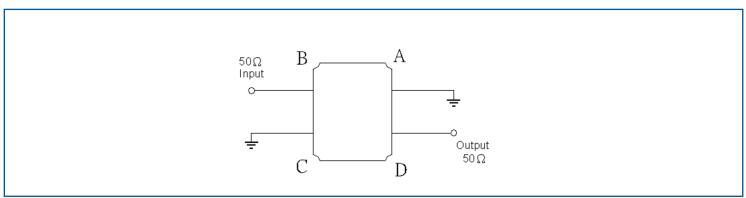
Maximum Ratings

Item	Value		
Input Power Level	+10 dBm max.		
DC Permissive Voltage	3V DC max.		
Operating Temperature Range	-40° C to $+85^{\circ}$ C		
Storage Temperature Range	-55° C to $+95^{\circ}$ C		

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency (f _c)		1575.42		MHz	
Insertion Loss (IL)		1.15	1.60	dB	1574.42 ~ 1576.42MHz
Effective Bandwidth		2		MHz	
Amplitude Ripple		0.1	0.5	dB	1574.42 ~ 1576.42MHz
Worst-Case Input / Output Return Loss		20	10	dB	1574.42 ~ 1576.42MHz
Stop-band Attenuation (Referenced to 0.0 dB)	31	33			100 MHz ~ 960MHz
	31	33			960MHz ~ 1460MHz
	22	26		dB	1460MHz ~ 1513MHz
	22	28			1648MHz ~ 1710MHz
	25	32			1710MHz ~ 1990MHz
	25	30			1990MHz ~ 2300MHz
	29	31			2300MHz ~ 4000MHz
	20	24			4000MHz ~ 6000MHz
Source Impedance (Z _S)		50		Ω	See note # 1
Load Impedance (Z _L)		50		Ω	See note # 1

Note #1: No matching network required for operation into 50Ω 's

> TEST CIRCUIT:

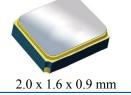




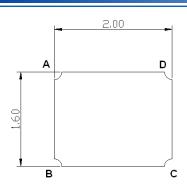


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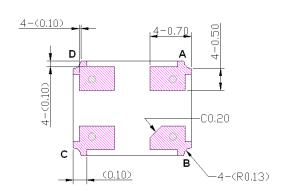


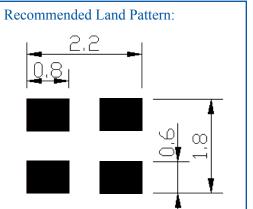


OUTLINE DIMENSIONS:



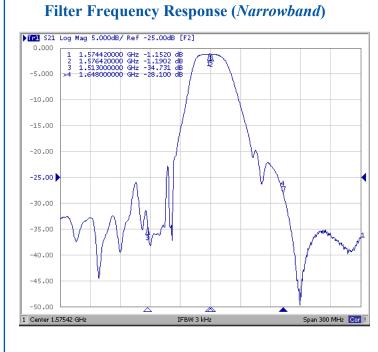
#B:	Input
#D:	Output
#A,C:	Ground
Unit:	mm

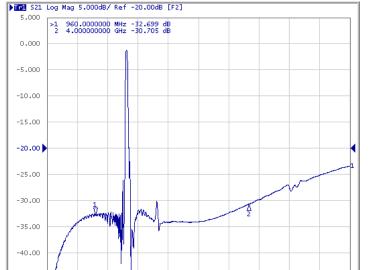




*All Dimensions are in mm

FREQUENCY CHARACTERISTICS:



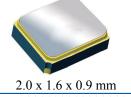


Filter Frequency Response (wideband)

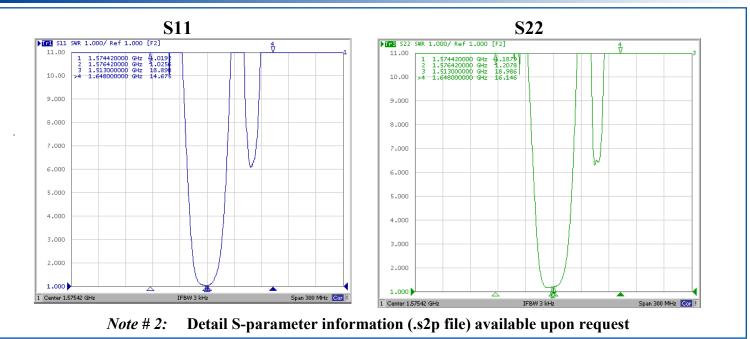


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REFLECTION FUNCTIONS:



REFLOW PROFILE:

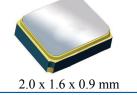




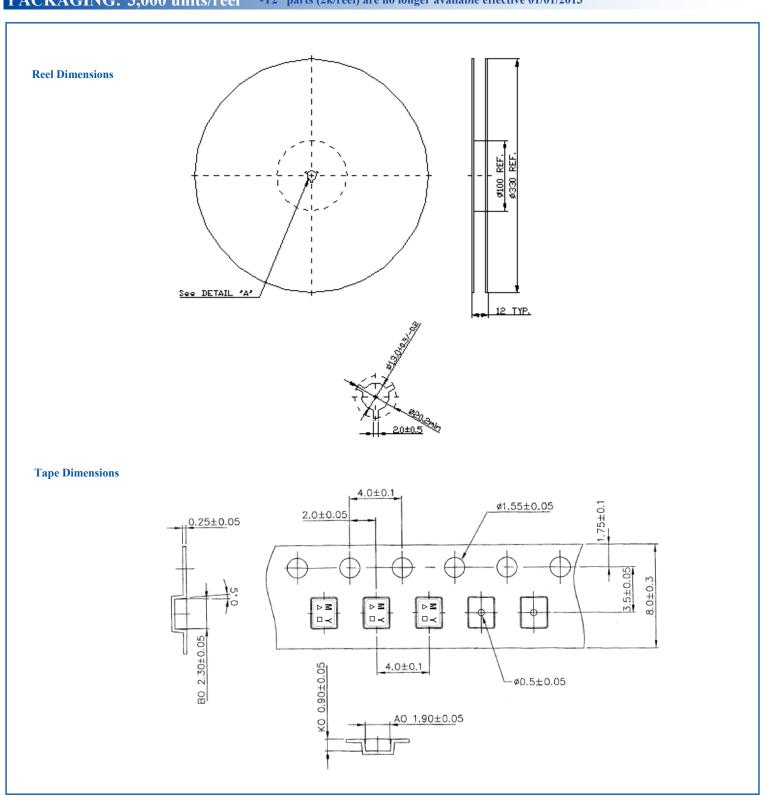


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PACKAGING: 3,000 units/reel "-T2" parts (2k/reel) are no longer available effective 01/01/2013



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