AFS20A26-915.00-T3

Moisture Sensitivity Level (MSL) – This product is Hermetically Sealed and not Moisture Sensitive - MSL = N/A: Not Applicable

FEATURES:

- 2.0 x 1.6 x 0.9 mm low profile SMT package
- Low Insertion loss
- Excellent selectivity with high out-of-band rejection

ELECTRICAL SPECIFICATIONS:

Maximum Ratings

APPLICATIONS:	

 \triangleright

•Wireless Communication

Pb

RoHS

Compliant

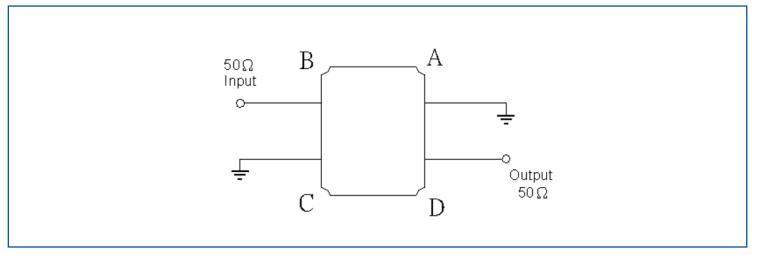
- Remote Control
- Cellular Phones

Maximum Kaungs				
Item	Value			
Input Power Level	+15 dBm max.			
DC Permissive Voltage	3V DC max.			
Operating Temperature Range	-40° C to $+85^{\circ}$ C			
Storage Temperature Range	-40° C to $+85^{\circ}$ C			

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency (f _c)		915.00		MHz	
Insertion Loss (IL)		2.00	3.00	dB	902 ~ 928MHz
Effective Bandwidth		26		MHz	
Amplitude Ripple		0.80	1.50	dB	$902 \sim 928 MHz$
Worst-Case Input / Output Return Loss		9.5	8.0	dB	902 ~ 928MHz
Stop-band Attenuation (Referenced to 0.0 dB)	40	55			10MHz ~ 857.5MHz
	35	48			857.5MHz ~ 882.5MHz
	35	48		dB	970MHz ~ 1005MHz
(Referenced to 0.0 dB)	45	52			1005MHz ~ 1110MHz
	30	35			1110MHz ~ 3000MHz
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:

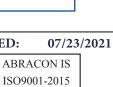


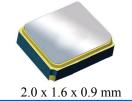


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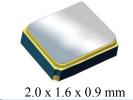
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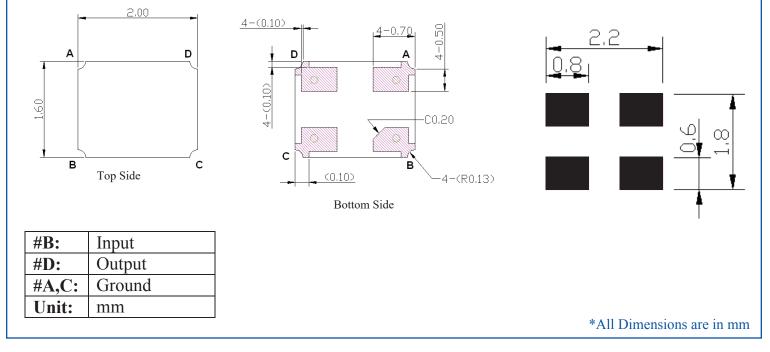
OUTLINE DIMENSIONS:



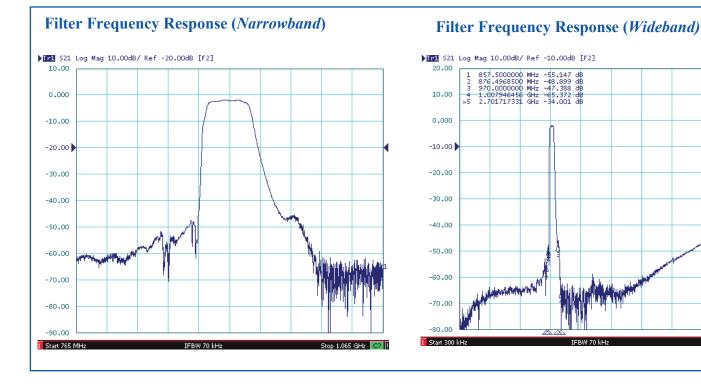
RoHS

Compliant

Pb



FREQUENCY CHARACTERISTICS:



À ABRACON

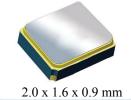
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Stop 3 GHz Cor !

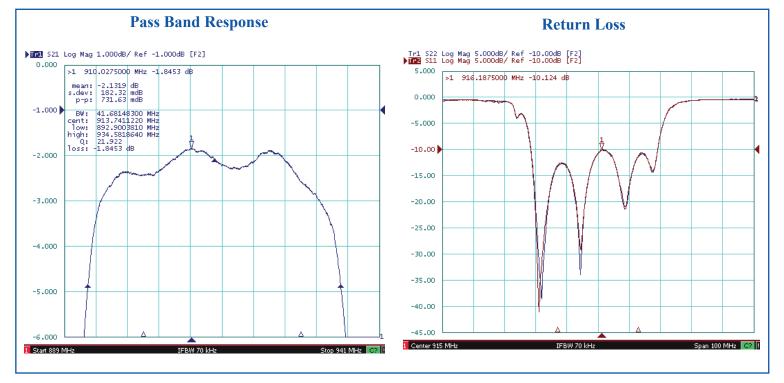
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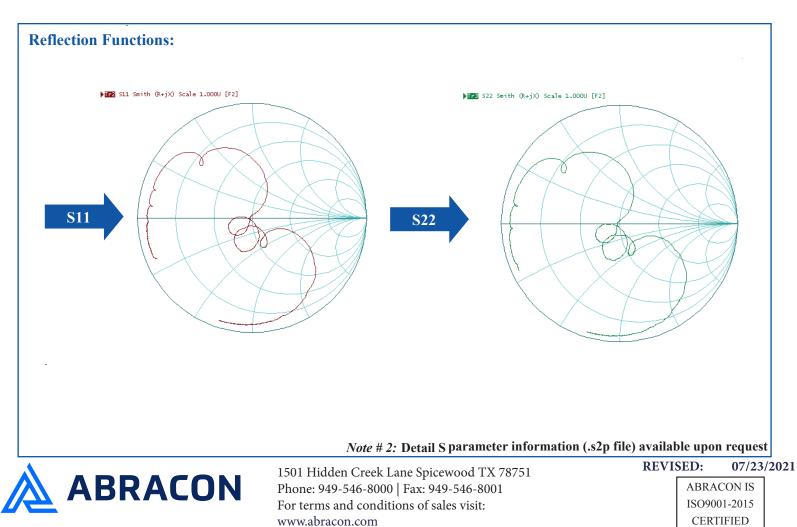


RoHS

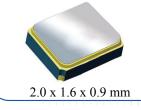
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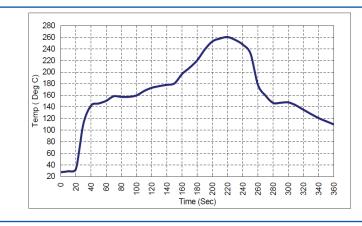


RoHS

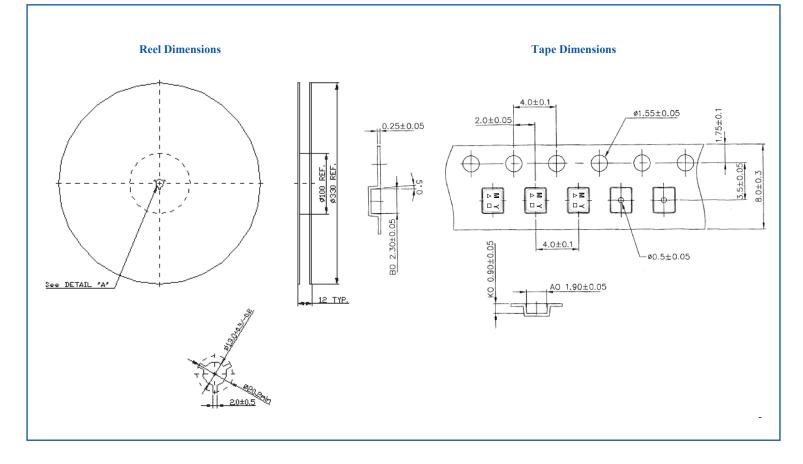
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REFLOW PROFILE:



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



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