



Total Solution Provider in Saw Device

SA433KP1

Remote Control, RF SAW Filter
Revision 0: November 2008



- Electrical Characteristics
 - Package Dimensions
 - Testing Environment
 - Frequency Characteristics
-

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□ Electrical Characteristics

Maximum Ratings

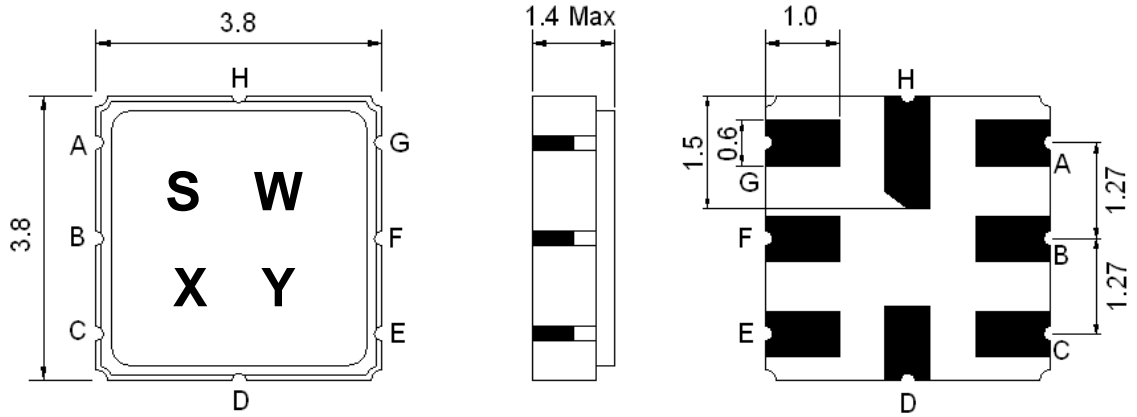
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-45	-	+85
Storage Temperature Range	°C	-45	-	+85
Maximum DC Voltage	V	-	-	12
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) ⁽¹⁾	Ω//pF	-	232//3.2	-
Load Impedance (single ended) ⁽¹⁾	Ω//pF	-	232//3.2	-
Package type & size	P1			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fc)	MHz	433.3	433.42	433.62
Insertion Loss within 433.3 ~ 433.62MHz	dB	-	3.2	5.0
Relative Passband :				
433.26~ 433.58 MHz	dB	-	-	2.0
433.24 ~ 433.60 MHz	dB	-	-	3.0
433.18 ~ 433.66 MHz	dB	-	-	6.0
3dB Bandwidth	KHz	500	550	750
Attenuation				
413.5 ~ 427.5MHz	dB	38	42	-
427.5~ 432.34 MHz	dB	15	24	-
434.42 ~ 441.5 MHz	dB	10	15	-
441.5 ~ 549.5 MHz	dB	33	38	-

Notes : (1) With Matching Network .

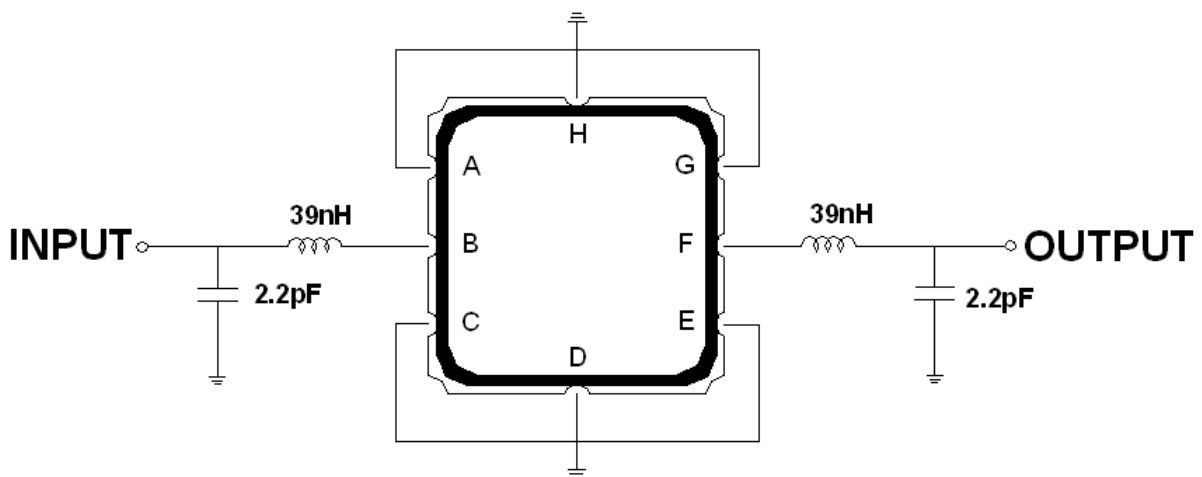
□ Package Dimensions



Marking Descriptions	
S	TCRF Application
W	Series Number
X	Date Code(Year)
Y	Date Code(Month)

Pin Description	
A, C, D, E, G	Ground
B	In
F	Out

□ Testing Environment



Source & Load Impedance: 50 Ω

□ Frequency Characteristics

Frequency Response

