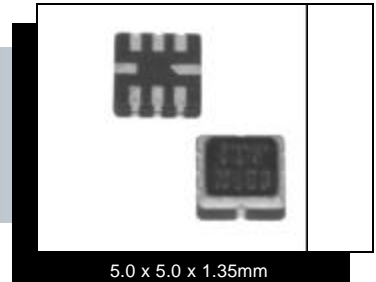


CERAMIC SURFACE-MOUNT
SAW FILTER
AFS433E-01



5.0 x 5.0 x 1.35mm

FEATURES:

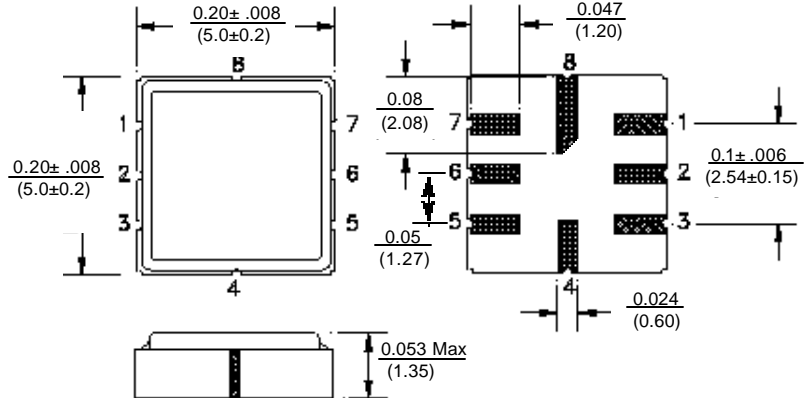
- SAW Filter 433.92MHz.
- Low Loss, Compact.
- SMD makes reflow soldering possible.
- Gold plated terminals.

COMMON APPLICATIONS:

- Wireless car alarm, Garage door opener. (RKE)
- Mobile communications systems

ABSOLUTE MAXIMUM RATINGS:

DC voltage	±12 Vdc
Operating temperature	-35°C to +85°C
Maximum power dissipation	10dBm



STANDARD SPECIFICATIONS

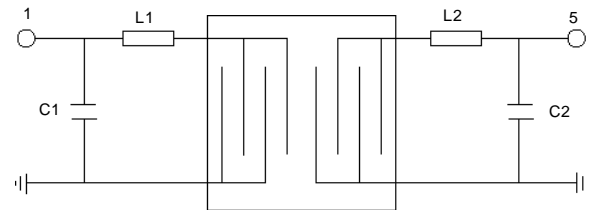
CHARACTERISTICS	UNIT	min.	typ.	max.	
Center frequency Fc	MHz	-	433.920	-	
Insertion loss IL	dB	-	3.0	5.5	
3dB Passband BW3	kHz	-	±300	-	
3dB Reject band BW3	kHz	-	-	±500	
Stopband attenuation	at F _C -21.4MHz	dB	40	50	-
	at F _C -10.7MHz	dB	15	30	-
	Ultimate		-	80	-
Turn-over temperature To	°C	24	39	54	
Temperature coefficient Tc	ppm/°C	-	0.032	-	
Aging absolute first year [A]	ppm	-	-	10	

Dimensions: Inches (mm)

Pin No.	Function
1	Input
2	Input GND
5	Output
6	Output GND
3, 7	To be GNDed
4, 8	Case GND

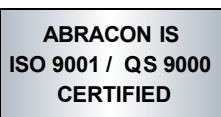
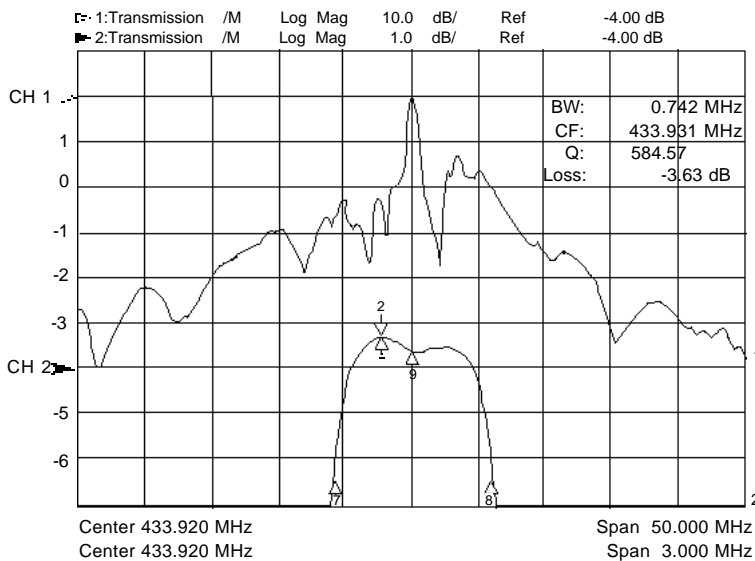
Maching circuit to 50 W

C1=C2=13pF, L1=L2=43 nH



Marking:

AFS
433E



NOTE: All specifications and markings subject to change without notice

29 Journey • Aliso Viejo, CA 92656 • USA
 (949) 448-7070 • FAX: (949) 448-8484

E-MAIL: abinfo@abracon.com • INTERNET ADDRESS: www.abracon.com

