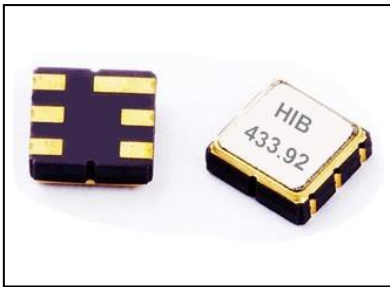


SAW Resonator S22

433.92MHz



It is a true one-port SAW resonator in a SMD case. This product is designed for remote control and wireless security transmitters.

FEATURES

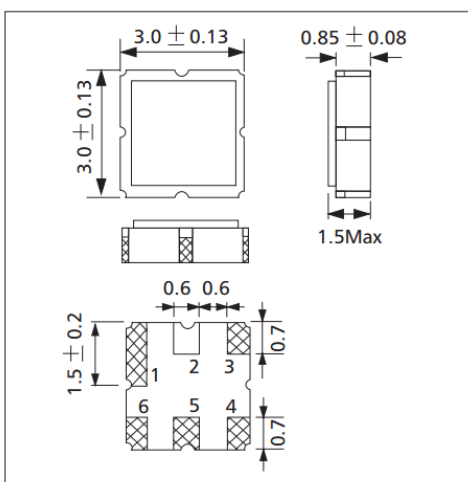
- One-port resonator
- Fundamental Mode
- Quartz Stabilization

Electrical Specifications

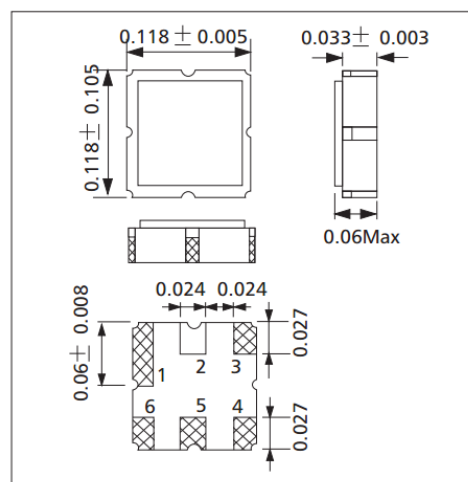
Parameter	Symbol	Condition	Typical		Units	
Frequency Range	F_0		433.92		MHz	
Frequency Tolerance	$\Delta F/F_0$	at 25°C	±50	±500	KHz	
Temperature Stability	T_C	Ref to 25°C	-0.032		PPM/(°C) ²	
Operating Temperature Range	T_{OPR}		-40	-10 to +60	+85	°C
Storage Temperature Range	T_{STG}		-40		+85	°C
Shunt Capacitance	C_0			4	pF	
Insertion Loss	I_L			3	dB	
Motional Resistance	R_M			50	Ω	
Quality Factor (unloaded)	Q_U		8,000	20,000		
Aging (First year)	F_a	at 25°C	-10	+10	PPM	

Mechanical Dimensions

S22(3.0X3.0mm)



S22(0.118X0.118inch)



Pin	Connection
1	GND
2	Input / Output
3	GND
4	GND
5	Input / Output
6	GND