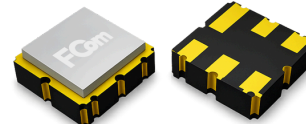


FCom SAW Resonator

Series FSR-3838

SAW Resonator



Feature

- Small size 3.8×3.8×1.5 mm
- High transmit and receive sensitivity
- Environmental resistance, including high temperature

Application

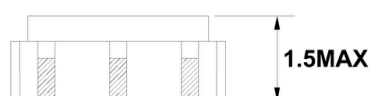
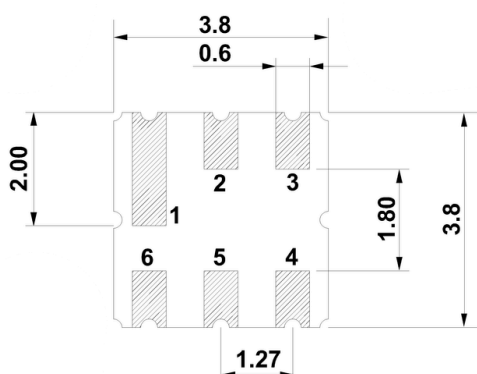
- Wireless communications
- Cellular
- Radio communications

ELECTRICAL SPECIFICATIONS

Parameter		Symbol	Minimum	Typical	Maximum	Unit
Frequency Range		fc	154 ~ 1000			MHz
Standard Frequency		fc	315, 330, 370, 433.92, 868, 915			MHz
Frequency Tolerance (at 25°C)		Δf_c	$\pm 50, \pm 75, \pm 150$, or specify			kHz
Insertion Loss (in 50 ohm system, min)		IL	1, 1.3, 1.4, 1.5, or specify			dB
Temperature Stability	Turnover Temperature	T_o	25	40	55	°C
	Turnover Frequency	f_o		fc		-
	Frequency Temperature Coefficient	FTC	0.032			ppm/°C
Frequency Aging	Absolute Value during the First Year	$ f_A $	≤ 10			ppm/yr
DC Insulation Resistance between Any Two Pins		-	1			M Ω
Operating Temperature Range		-	-40 ~ +85			°C
Storage Temperature Range		-	-55 ~ +125			°C

Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

DIMENSION(mm)



Pin No.	Description
2	Input/Output
5	Output/Input
1,3,4,6	Case Ground