

SAW RESONATOR

SR1814 2-PADs one-port (1.8x1.4x0.9mm)

Electrical characteristics

Parameter	Value			Units
Frequency (FL)	433.920MHz			MHz
Operating temperature range	-40 to +85			°C
Frequency tolerance at 25°C ($\Delta F/F_0$)	± 75			KHz
Temperature stability	0.032			PPM/ $(\Delta^\circ\text{C})^2$
Insertion Loss (I_L)	-	Typ. 1.3	Max. 2.2	dB
Motional Resistance (R_M)	-	Typ. 12.1	Max. 18.0	Ω
Quality Factor (unloaded) (Q_U)	-	Typ. 12000	-	-
Quality Factor 50 Ω loaded	-	Typ. 1500	-	-
Static Capacitance	Min. 1.1	Typ. 2.1	Max. 2.3	pF
Aging (maximum, first year) at 25°C	< ± 10			PPM/year
HIB part number	SR1814-433.920000-G-75-R			
Packing	4.000 pieces/reel			

Mechanical characteristics

