

## SAW RESONATOR

SR2016 2-PADs one-port (2.0x1.6x0.9mm)

### Electrical characteristics

Parameter	Value			Units
Frequency (FL)	433.920MHz			MHz
Operating temperature range	-40 to +85			°C
Frequency tolerance at 25°C ( $\Delta F/F_0$ )	$\pm 75$			KHz
Temperature stability	0.032			PPM/ $(\Delta^\circ\text{C})^2$
Insertion Loss ( $I_L$ )	-	Typ. 1.2	Max. 2.2	dB
Motional Resistance ( $R_M$ )	-	Typ. 12.0	Max. 18.0	$\Omega$
Quality Factor (unloaded) ( $Q_u$ )	-	Typ. 12000	-	-
Quality Factor 50 $\Omega$ loaded	-	Typ. 1500	-	-
Static Capacitance	Min. 1.5	Typ. 2.0	Max. 2.2	pF
Aging (maximum, first year) at 25°C	< $\pm 10$			PPM/year
HIB part number	SR2016-433.920000-G-75-R			
Packing	4.000 pieces/reel			

### Mechanical characteristics

