



# Saw Resonators

## RO Series Saw Resonator - / 声表谐振器

### ► Saw Resonator Features

- Low Series Resistance, Quartz Stability, Small Sizes

### ► Saw Resonator Applications

- Automotive Keyless Entry, In-house Arrest Systems, Data link, Tire pressure Monitoring System, Wireless Security Systems, Wireless Barcode Reader, Wireless Keyboards, Wireless Mouse, Wireless Joysticks, Wireless Lamp Switching.....

### ► Saw Resonator Typical Specification

Center Frequency (MHz)	Port	Package	Tolerance (KHz)	Operating Temperature (°C)	Storage Temperature (°C)	Insertion Loss(dB)	FTC (ppm/°C)	Aging (ppm/yr)
300~915	1	SMD5*5	± 75	-40 ~ +85	-40 ~ +85	1.1	0.033	10
		TO39		-20 ~ +85	-40 ~ +85	1.4	0.033	10
		F11		-20 ~ +85	-40 ~ +85	1.6	0.033	10

### ► Saw Resonator RO Series [SMD 5×5]

System	CenterFreq. (MHz)	IL(Typ.) (dB)	Tolerance (KHz)	Part Number	Package	MarkingCode
Remote	303.825	1.50	±75	ROC303D82-O1	SMD 5x5	RO1
Remote	303.875	1.50	±75	ROC303D87-O2	SMD 5x5	RO2
Remote	315.00	1.50	±75	ROC315D00-O6	SMD 5x5	RO6
Remote	345.50	1.50	±75	ROC390D00-O7	SMD 5x5	ROL
Remote	418.00	1.50	±75	ROC418D00-OA	SMD 5x5	ROA
Remote	426.55	1.50	±75	ROC426D55-OB	SMD 5x5	ROB
Remote	433.42	1.50	±75	ROC433D42-OE	SMD 5x5	ROE
Remote	433.92	1.50	±75	ROC433D92-OF	SMD 5x5	ROF
Remote	434.00	1.50	±75	ROC434D00-OL	SMD 5x5	ROL
Remote	434.52	1.50	±75	ROC434D52-OG	SMD 5x5	ROG
Remote	868.35	1.80	±150	ROC868D35-OJ	SMD 5x5	ROJ

### ► Saw Resonator RO Series [TO-39]

System	Center Freq. (MHz)	IL(Typ.) (dB)	Tolerance (KHz)	Part Number	Package	MarkingCode
Remote	303.825	1.50	±75	ROT303D82-P1	TO-39	RP1
Remote	303.875	1.50	±75	ROT303D87-P2	TO-39	RP2
Remote	315.00	1.50	±75	ROT315D00-P6	TO-39	RP6
Remote	418.00	1.50	±75	ROT418D00-PA	TO-39	RPA
Remote	426.55	1.50	±75	ROT426D55-PB	TO-39	RPB
Remote	433.42	1.50	±75	ROT433D42-PE	TO-39	RPE
Remote	433.92	1.50	±75	ROT433D92-PF	TO-39	RPF
Remote	434.00	1.50	±75	ROT434D00-PL	TO-39	RPL
Remote	434.52	1.50	±75	ROT434D52-PG	TO-39	RPG



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## ► RO Series [F-11]

System	Center Freq.(MHz)	IL(Typ.) (dB)	Tolerance (KHz)	Part Number	Package	MarkingCode
Remote	315.00	1.60	±75	ROF315D00-Q6	F-11	RQ6
Remote	433.92	1.60	±75	ROF433D92-QF	F-11	RQF
Remote	434.00	1.60	±75	ROF434D00-QL	F-11	RQL

## ► Saw Resonator Typical Response

