



- Low loss, High Q factor
- Quartz stability
- F-11 case

UE3.4

67.22/61.22MHz SAW Resonator

The UE3.4 is true one-port, surface-acoustic-wave (SAW) resonator in a low profile F-11 case. It has one input and two output. It provides reliable, fundamental-mode, quartz frequency stabilization of fixed-frequency operating at 67.22/61.22MHz.

Absolute Maximum Rating

Rating	Value
CW RF power Dissipation	+13dBm
DC Voltage between any 2 pins	± 30 VDC
Case Temperature	-40 to +85°C

Electrical Characteristic

Characteristic	Sym	Unit	Minimum	Typical	Maximum
Center Frequency	F_0	MHz	61.16 67.16	61.22 67.22	61.28 67.28
Insertion Loss	IL	dB		3	4.5
Static Capacitance	C_0	pF	3.8	4.3	4.8
DC Insulation Resistance between any 2 pins		M Ω	1.0		

NOTE:

1. Test temperature: $25 \pm 2^\circ\text{C}$.
2. In test the shunt inductance is tuned for parallel resonance with C_0 at f_c .
3. This part is Electrostatic Discharge Sensitive and may be damaged by improper handling