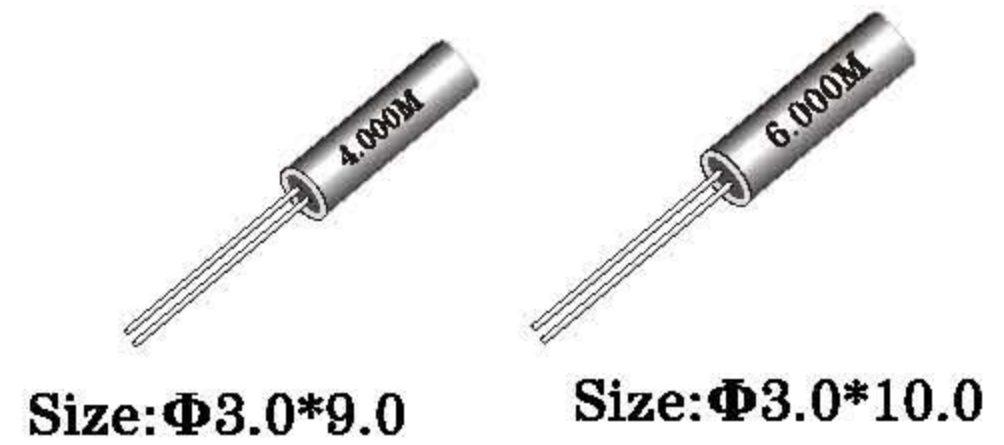


AT39/AT310



Features

- PIN Type
- Time keep clock signal
- Suitable for small Telecommunication equipment

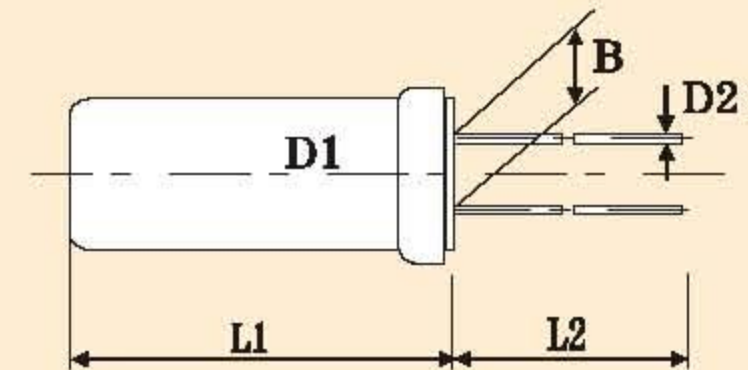
Specification (characteristics)

Frequency Range	3.579-60MHz
Load capacitance C_L	10pF Std.Series available
Frequency Tolerance F_L	±10~50ppm
Temperature Tolerance T_L	±50ppmStd.
Operating Temperature O_T	-10 to+60°C Std
Storage Temperature S_T	-55 ~ 125°C
Shunt Capacitance C_o	7pf Max
Drive Level D_L	0.01 ~1MW
Insulation Resistance I_a	500Min (100DC)
Aging@25°C	± 5ppm Max

Operation Mode

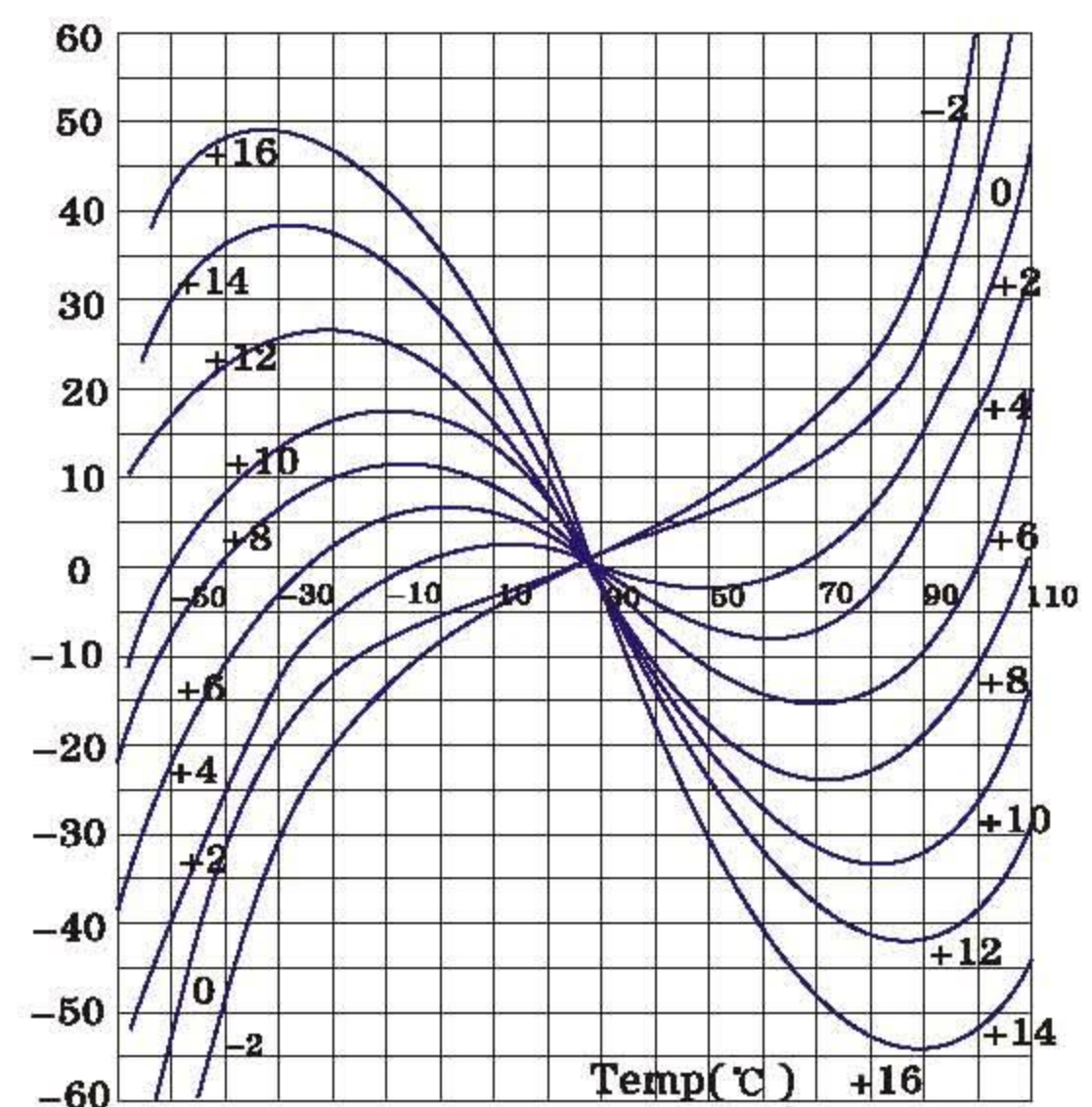
FREQUENCY	MODE	RS(Ω Max)
3.579-3.699	FUMD	200
3.700-3.999	FUMD	180
4.000-4.099	FUMD	150
4.100-4.999	FUMD	120
5.000-5.999	FUMD	100
7.000-9.999	FUMD	80
10.000-11.999	FUMD	70
12.000-13.999	FUMD	60
14.000-15.999	FUMD	50
16.000-30.000	FUMD	40
27.000-60.000	3 rd OVERTONE	100

External Dimensions



Dimensions	L1	L2	D1	D2	B
AT39(Φ 3*9)	9.3	10.0	Φ3.1	Φ0.3	1.1
AT310 (Φ 3*10)	10.3	10.0	Φ3.1	Φ0.3	1.1

AT CUTTING TEMPERATURE CHARACTERISTICS



PART NUMBER GUIDE

E.g.FTX20.945M20AB(*A9=AT39 A10=AT310)

	Quartz crystal resonator	Frequency (20.945MHz)	Load Capacitance	
FT	X	20.945M	20	A8