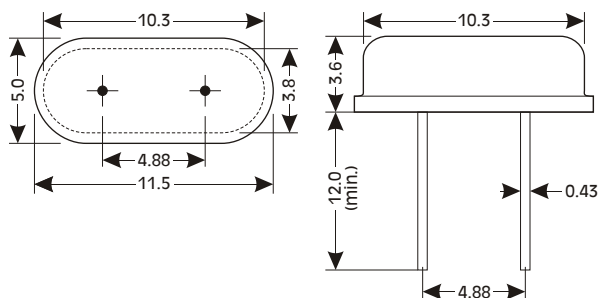




Specifications

Package		49S - Low Profile
Frequency Range (fo)		3.579545 ~ 70.00MHz
Mode of Operation		AT-Fund./ 3 rd Overtone or BT-Fund.
Frequency Stability	Calib. Tol. @ 25°C	± 50ppm (std.); 30ppm (opt.)
	Temp. Range	± 50ppm (std.); 30ppm (opt.)
	Aging/Year (fa)	± 5ppm (std.)
Temp. Range	Operating (T_{opr})	0°C ~ 70°C (std.)
	Storage (T_{stg})	-30°C ~ 85°C (std.)
Drive Level (DL)		Correlation 2mW (max)
Capacitance	Load (C_L)	18pF (std.); Specify if different
	Shunt (C_o)	7pF (max.)
Equiv. Series Resist. (R₁)		Varies per frequency (see chart)

Dimensions (mm)



Actual Size



Features

- ◇ Resistance Weld for Low Aging
- ◇ Available in AT-Fund./ 3rd Overtone or BT-Fund.
- ◇ Custom E.S.R. Availability
- ◇ Tight Tolerances as Low as ± 10ppm Available
- ◇ Lower Profile Height than 49U

E.S.R. (Std. Max. Ratings)

3.57 ~ 3.99MHz AT-Cut Fund.	200W
4.00 ~ 4.99MHz AT-Cut Fund.	150W
5.00 ~ 5.99MHz AT-Cut Fund.	120W
6.00 ~ 6.99MHz AT-Cut Fund.	100W
7.00 ~ 9.99MHz AT-Cut Fund.	80W
10.0 ~ 13.99MHz AT-Cut Fund.	60W
14.0 ~ 24.0MHz AT-Cut Fund.	40W
24.1 ~ 36.0MHz AT-Cut Fund.	30W
24.0 ~ 50.0MHz BT-Cut Fund.	30W
27.0 ~ 70.0MHz AT-Cut 3rd O/T	80W

Standard Options

C9	± 30/30ppm	FB	BT-Cut Fund.
C10	± 30/50ppm	O3	AT-Cut 3 rd O/T
C12	± 50/100ppm		
SC	Custom Stab.	Z	Custom E.S.R.
I	Insulator	S	Series
E	E-Tab Insulator	##	Specify Load Cap. (pF) other than 18pF