



Specifications

Package		49SR - Low Profile
Frequency Range (fo)		3.579545 ~ 70.000MHz
Mode of Operation		AT Fund. (std.) ≤ 36.000M, AT 3rd OT (opt) , BT Fund (opt)
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_{stc})	-30°C ~ 85°C (std.)
Capacitance	Load (C_L)	18pF (std.); Specify if different
	Shunt (C_o)	7pF (max.)
Equiv. Series Resist. (R₁)		Varies per frequency (see chart)
Drive Level (DL)		100 uW Correlation 2mW max

Actual Size



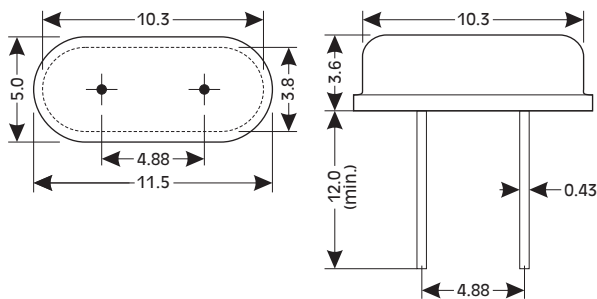
RoHS Compliant Lead Free



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

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

Dimensions (mm)



Standard Options

Tolerance Stability

C1	100/100ppm
C2	10ppm/20ppm
C3	10ppm/30ppm
C4	10ppm/50ppm
C5	15ppm/20ppm
C6	20ppm/20ppm
C7	20ppm/30ppm
C8	20ppm/50ppm
C9	30ppm/30ppm
C10	30ppm/50ppm
C11	40ppm/45ppm
C12	50ppm/100ppm
SC	Cust. Stability

Operating Temp

R1	-0 ~ +50°C
R2	-10 ~ +60°C
R3	-10 ~ +70°C
R4	-20 ~ +70°C
R5	-30 ~ +80°C
R6	-40 ~ +85°C
R7	-5 ~ +55°C
RC	Custom Temp.

Operation Mode

FB	BT-Cut Fund.
O3	AT-Cut 3rd O/T

Load Cap

##	Specify Load
S	Series

Aging

A1	1ppm/year max
A3	3ppm/year max
A4	4ppm/year max
AC	Custom Aging

Options

I	Insulator
E	E-Tab Insul.
D	Trim Leads
T	Tape & Reel



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE CONTACT YOUR IMPACT SALES REPRESENTATIVE FOR CUSTOM SPECIFICATIONS, CURRENT INFORMATION, PRICING AND AVAILABILITY.