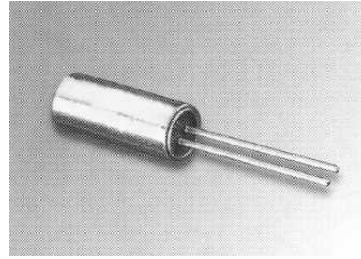


Features:

- Wide frequency range
- Low cost to performane
- Excellent for clock frequency generation
- Very low profile



HF26
HF38
HF39
HF310

Specifications				
		Symbol	HF26 / HF38 / HF39 / HF310	Remarks
Frequency range		f	3.5790 MHz ~ 28.000 MHz 27.001MHz ~ 60.000MHz	Fundamental mode 3rd overtone mode
Frequency tolerance, Ta=25°C		f/f	±10ppm ~ ± 50ppm	Please specify
Load capacitance		CL	10pF ~ 20pF	Please specify
Temperature tolerance		f/f	±10ppm ~ ± 50ppm	Please specify
Temperature range	Storage temperature	T _{STG}	-40°C ~ +85°C	
	Operating temperature	T _{OPR}	-20°C ~ +70°C (Std.)	Others are offered
Drive level	Maximum drive level	M _{DL}	-	
	Recommended drive level	R _{DL}	10 W ~ 100 W	
Series resistance		R ₁	As per table	25°C
Shunt capacitance		C ₀	5pF	Max
Insulation resistance		I _R	500M Ohm	Min
Aging		f _A	± 5ppm/Year	Others are offered

Resistance of series resonance (ESR)						
Frequency (MHz)	Mode	Ohm max		Frequency (MHz)	Mode	Ohm max
3.5 ≤ f < 4.0	Fundamental	180		12 ≤ f < 14	Fundamental	60
4.0 ≤ f < 5.0	Fundamental	150		14 ≤ f < 16	Fundamental	50
5.0 ≤ f < 8.0	Fundamental	100		16 ≤ f < 28	Fundamental	40
8.0 ≤ f < 10	Fundamental	80		28 ≤ f < 36	3rd OT	100
10 ≤ f < 12	Fundamental	70		36 ≤ f < 60	3rd OT	80

Drawing

HF26 / HF38 / HF39 / HF310

Holder	W	L	W 1
HF26	2,1	6,2	0,7
HF38	3,1	8,3	0,8
HF39	3,1	9,3	1,1
HF310	3,1	10,3	1,1

Dimensions in mm

Order key								
Q	- 28.000000M	- HF26	- F	- 30	- 50	- D	- 30	- MJ
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option
Q=Quartz	M=MHz	HF26 HF38 HF39 HF310	F=fund. 3=3.OT	+/-ppm (25°C)	+/-ppm (Temp. range)	A= 0°C ~ 70°C B=-10°C ~ 60°C C=-10°C ~ 70°C D=-20°C ~ 70°C E=-40°C ~ 85°C H=-20°C ~ +80°C I=-10°C ~ +50°C	pF SR=series	MJ=Metal jacket X=Special options

Remarks: All specifications subject to change without notice!