

HF26
HF38
HF39
HF310

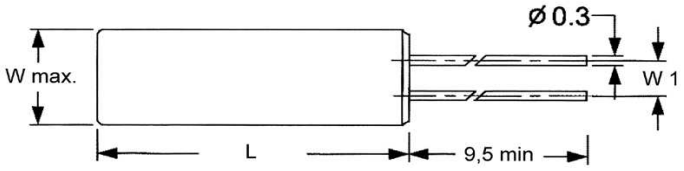
Features:
- Wide frequency range
- Low cost to performane
- Excellent for clock frequency generation
- Very low profile

Specifications				
		Symbol	*HF26 / HF38 / HF39 / HF310*	*Remarks*
Frequency range		f	3.5790 MHz ~ 28.000 MHz	Fundamental mode
			27.001MHz ~ 60.000MHz	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!