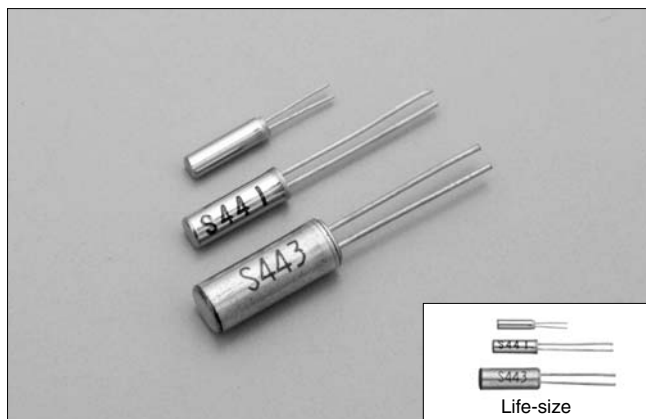
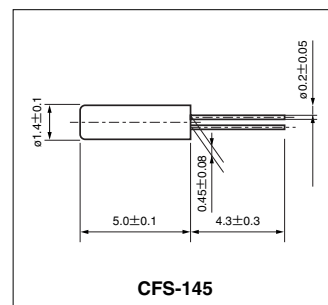
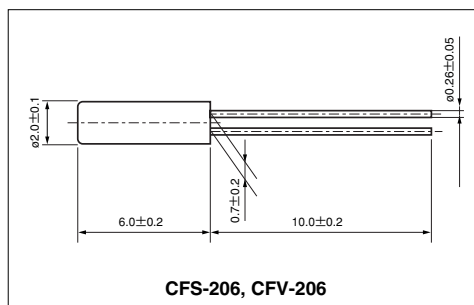
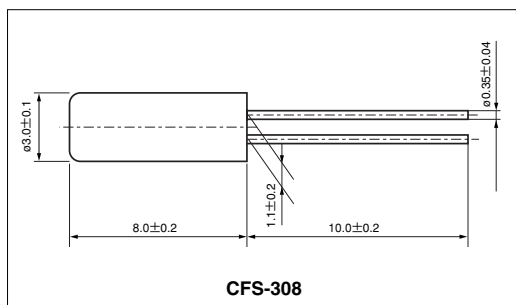




FEATURES

- Best suited for portable devices with low current consumption.
- For a clock source in digital equipment.

DIMENSION [mm]



STANDARD SPECIFICATIONS

Item	Model	CFS-308	CFS-206	CFS-145	CFV-206	Conditions
Nominal Frequency	f ₀	32.768kHz			30kHz~100kHz	Need to contact us for the available frequency in CFV-206
Frequency Tolerance	△f/f ₀	±20ppm			±30ppm	at 25℃
Load capacitance	C _L	12.5pF		8.0pF	12.5pF	Need to specify your requirement
Operating Temperature Range	T _{OPR}	-20℃~+70℃				
Storage Temperature Range	T _{STR}	-40℃~+85℃				
Turnover Temperature	T _M	25℃±5℃				See figure 2 in P4
Temperature Coefficient	β	-0.034±0.006ppm/℃ ²				
Motional (series) resistance	R ₁	35KΩ Max.		40KΩ Max.	50KΩ Max.	at 25℃
Level of drive	D _L	1 μW Max.				
Aging (first year)	△f/f ₀	±3ppm Max.			±5ppm Max.	25℃±3℃
Quality Factor	Q	85000 Typ.	70000 Typ.	85000 Typ.	70000~100000 Typ.	Depend on frequency
Shunt capacitance	C ₀	1.6pF Typ.	1.35pF Typ.	1.00pF Typ.	0.8~1.7pF Typ.	Depend on frequency