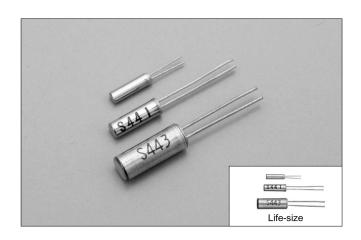


TUNING FORK CRYSTAL UNITS (Cylinder Type)

RoHS Compliant Optional

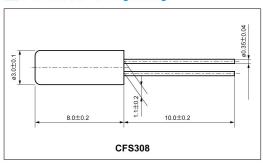
CFS308·CFS206·CFS145·CFV206

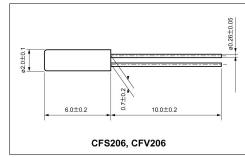


FEATURES

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

DIMENSION [mm]







ISTANDARD SPECIFICATIONS

Item	Model	CFS308	CFS206	CFS145	CFV206	Conditions
Nominal Frequency	fo	32.768kHz			30kHz~100kHz	Need to contact us for the available frequency in CFV-206
Frequency Tolerance	△f/fo	±20ppm			±30ppm	at 25°C
Load capacitance	CL	12.5pF				Need to specify your requirement
Operating Temperature Range	Topr	−20°C ~+70°C				
Storage Temperature Range	Tstr	-40°C∼+85°C				
Turnover Temperature	Тм	25℃±5℃				See figure 2 in P4
Temperature Coefficient	β	−0.034±0.006ppm/°C²				
Motional (series) resistance	R ₁	35KΩMax.		40KΩMax.	50K Ω Max.	at 25°C
Level of drive	DL	1 μW Max.				
Aging (first year)	△f/fo	±3ppm Max.			±5ppm Max.	25℃±3℃
Quality Factor	Q	85000 Typ.	70000 Typ.	85000 Typ.	70000~100000 Typ.	Depend on frequency
Shunt capacitance	Co	1.6pF Typ.	1.35pF Typ.	1.00pF Typ.	0.8∼1.7pF Typ.	Depend on frequency