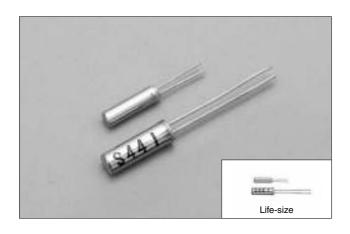


TUNING FORK CRYSTAL UNITS (Cylinder Type)

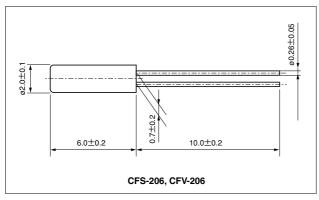
RoHS compliant / Pb free CFS-206·CFS-145·CFV-206

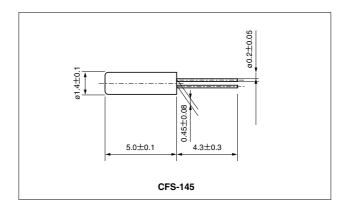


FEATURES

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

■ DIMENSION [mm]





STANDARD SPECIFICATIONS

Item	Model	CFS-206	CFS-145	CFV-206	Conditions
Nominal Frequency	fo	32.768kHz		30kHz∼100kHz	Need to contact us for the available frequency in CFV-206
Frequency Tolerance	△ f/f0	±20ppm		±30ppm	at 25°C
Load capacitance	CL	12.5pF	8.0pF	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℃			
Temperature Coefficient	β	−0.034±0.006ppm/°C²			
Motional (series) resistance	R ₁	35K Ω Max.	40K Ω Max.	50K Ω Max.	at 25°C
Level of drive	DL	1 <i>μ</i> W Max.			
Aging (first year)	△ f / f 0	±3ррт Мах.		±5ppm Max.	25℃±3℃
Shunt capacitance	Co	1.35pF Typ.	1.00pF Typ.	0.8∼1.7pF Typ.	Depend on frequency