

TUNING FORK CRYSTAL UNITS (Cylinder Type)

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

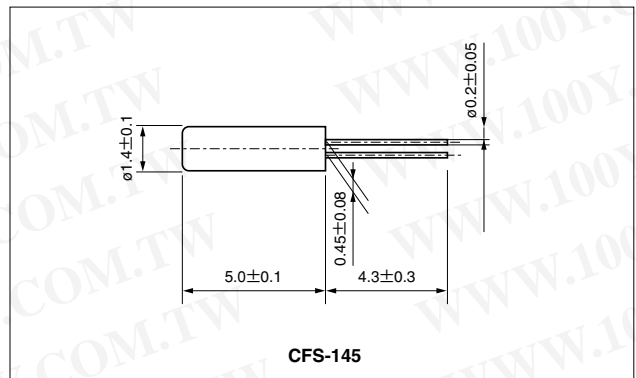
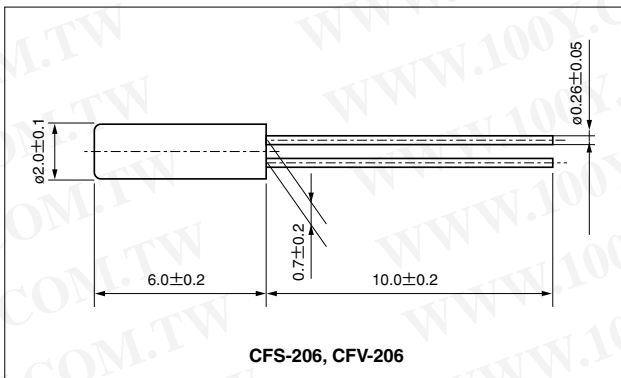


FEATURES

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

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

DIMENSION [mm]



STANDARD SPECIFICATIONS

Item	Model	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°C
Load capacitance	C _L	12.5pF	8.0pF	12.5pF	Need to specify your requirement
Operating Temperature Range	T _{OPR}	-20°C ~ +70°C			
Storage Temperature Range	T _{STR}	-40°C ~ +85°C			
Turnover Temperature	T _M	25°C ± 5°C			
Temperature Coefficient	β	-0.034 ± 0.006ppm/°C ²			
Motional (series) resistance	R ₁	35KΩ Max.	40KΩ Max.	50KΩ Max.	at 25°C
Level of drive	DL	1 μW Max.			
Aging (first year)	△ f/f ₀	±3ppm Max.		±5ppm Max.	25°C ± 3°C
Shunt capacitance	C ₀	1.35pF Typ.	1.00pF Typ.	0.8~1.7pF Typ.	Depend on frequency