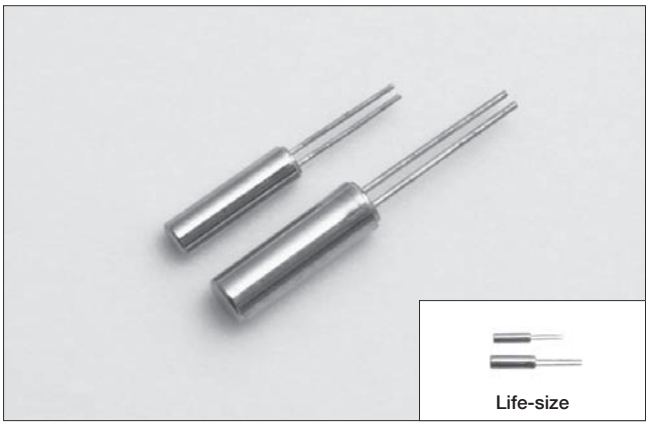
TUNING FORK CRYSTAL UNITS (Cylinder Type)

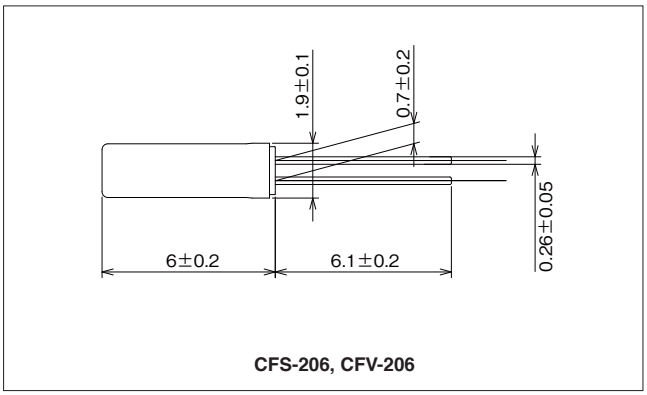
RoHS compliant / Pb free CFS–206·CFS–145·CFV–206



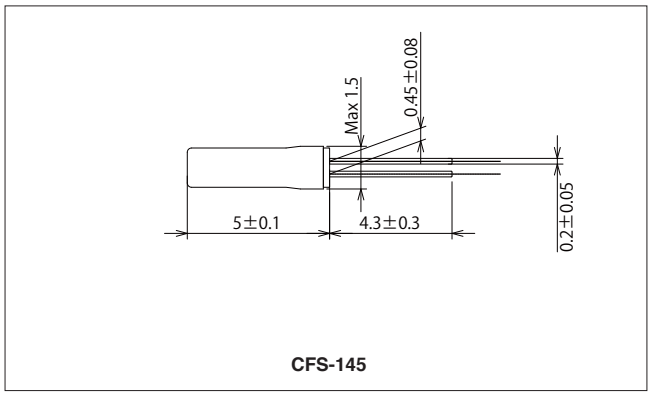
■ FEATURES

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

■ DIMENSION [mm]



CFS-206, CFV-206



CFS-145

■ 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	$\triangle f/f_0$	±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℃			
Temperature Coefficient	β	−0.034±0.006ppm/℃^{2}			
Motional (series) resistance	R_1	35KΩMax.	40KΩMax.	50KΩMax.	at 25℃
Level of drive	D_L	1μW Max.			
Aging (first year)	$\triangle f/f_0$	±3ppm Max.		±5ppm Max.	25℃±3℃
Shunt capacitance	C_0	1.2pF Typ.	1.00pF Typ.	0.8～1.7pF Typ.	Depend on frequency