

### ■ Features

- Miniature Package
- 1.4mm Height
- Long Term Stability
- Tape and Reel (3kpcs STD)

### ■ Stand Specification

Parameter	Characteristic
Frequency (fo)	32.768KHz
Frequency Tolerance @25°C (Δ f/fo)	±20ppm max or ±50ppm max
Frequency Stability Temperature coefficient(K)	-0.045ppm/(Δ°C) <sup>2</sup> max
Temperature Range	
Turnover(To)	+20°C ~ +30°C
Operating(Topr)	-40°C ~ +85°C max
Storage(Tstg)	-55°C ~ +125°C max
Equivalent Series Resistance(Rs)	65kΩ max
Load Capacitance(CL)	12.5pF(Standard) 7pF(Otional)
Insulation Resistance	500MΩ min(@100Vdc)
Drive Level(D.L)	0.1μW ~ 1.0μW max
Aging per Year(Δ f/fo)	±3ppm max (+25°C ±3°C, First year)
Soldering Temp / Time (tosc)	260°C / 10 Second max

### ■ Part Number

Item part Number	CL	Stability(S.T.D)	Frequency
TFS7015-125	12.5pF	-0.045ppm/(Δ°C) <sup>2</sup>	32.768KHz
TFS7015-70	7.0		

### ■ Drawing

