

■ Features

- Ultra Low Profile
- 0.75mm 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
Frequency Stability Temperature coefficient(K)	-0.045ppm/(Δ°C) ² max
Temperature Range Turnover(To) Operating(Topr) Storage(Tstg)	+20°C ~ +30°C -40°C ~ +85°C max -55°C ~ +125°C max
Equivalent Series Resistance(Rs)	70kΩ max
Load Capacitance(CL)	12.5pF(Standard) 9pF(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
TFS3215-125	12.5pF	-0.045ppm/(Δ°C) ²	32.768KHz
TFS3215-90	9.0pF		

■ Drawing

