

### ■ Features

- Miniature Package
- 1.0mm max Height
- Long Term Stability
- Tape and Reel (3kpcs STD)

### ■ Stand Specification

Parameter	Characteristic
Frequency (fo)	32.768KHz
Frequency Tolerance @25°C ( $\Delta f/fo$ )	$\pm 20$ ppm max
Frequency Stability Temperature coefficient(K)	-0.04ppm/ $(\Delta^\circ\text{C})^2$ max
Temperature Range Turnover( $T_o$ ) Operating( $T_{opr}$ ) Storage( $T_{stg}$ )	+20°C ~ +30°C 40°C ~ +85°C max -55°C ~ +125°C max
Equivalent Series Resistance( $R_s$ )	70k $\Omega$ max
Load Capacitance(CL)	12.5pF(Standard)
Insulation Resistance	500M $\Omega$ min(@100Vdc)
Drive Level(D.L)	0.1 $\mu\text{W}$ typ ~1.0 $\mu\text{W}$ max
Aging per Year( $\Delta f/fo$ )	$\pm 3$ ppm max (+25°C $\pm 3^\circ\text{C}$ , First year)
Soldering Temp / Time	260°C /10 Seconds max

### ■ Part Number

Item part Number	CL	Stability(S.T.D)	Frequency
TFS4918-125	12.5pF	-0.04ppm/ $(\Delta^\circ\text{C})^2$	32.768KHz

### ■ Drawing

