

LOW FREQUENCY TUNING FORK RESONATORS

THLF-155 / THLF-26 / THLF-38



FEATURES

- Small Sizes
- High Performance / Cost Ratio
- Wide Frequency Range



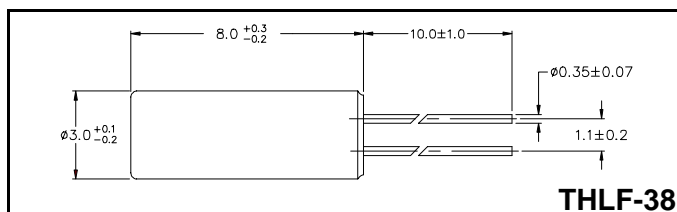
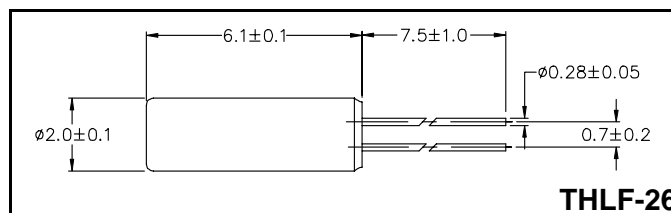
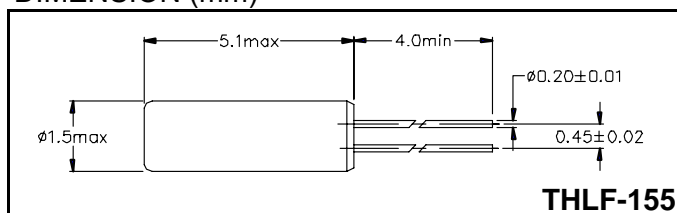
Item		Specifications		
Nominal Frequency Range	Series	THLF-155	THLF-26	THLF-38
Nominal Frequency	f_0	32.768KHz (Standard frequency)		
Nominal Frequency Range	f_0	30KHz ~ 200KHz		
Frequency Tolerance, $T_a=25^{\circ}\text{C} \pm 3^{\circ}\text{C}$	$\Delta f/f$	$\pm 20\text{ppm}$		
Load Capacitance	C_L	12.5pF		
Temperature Coefficient	$\Delta f/f$	$-0.034 \pm 0.006\text{ppm}/^{\circ}\text{C}^2$		
Operating Temperature Range	T_{OPR}	$-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$		
Storage Temperature Range	T_{STG}	$-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$		
Drive Level	DL	0.1mW (0.5mW Max.)		
Series Resistance (ESR)	R_1	65K Ω Max.	50K Ω Max.	
Insulation Resistance	IR	500M Ω Min.		
Aging	Δf_A	$\pm 5\text{ppm}/\text{Year Max.}$		

Please consult our sales representatives for other specifications.

SERIES RESISTANCE (ESR)

Frequency Range	$30 < f_0 < 40$	$40 < f_0 < 60$	$60 < f_0 < 70$	$70 < f_0 < 120$	$120 < f_0 < 200$
ESR	40 Ω Max.	30 Ω Max.	25 Ω Max.	22 Ω Max.	20 Ω Max.

DIMENSION (mm)



All specifications are subject to change without notice.



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