



REVISIONS	
LTR	
A	INITIAL RELEASE

SPECIFICATIONS:

NOMINAL FREQUENCY:	32.768 kHz
FREQUENCY TOLERANCE AT 25°C:	±20 PPM M
OPERATING TEMPERATURE RANGE:	-10°C TO +
STORAGE TEMPERATURE RANGE:	-40°C TO +
AGING:	±3 PPM PE
LOAD CAPACITANCE:	8 pF
DRIVE LEVEL:	1.0 μW MA
SHUNT CAPACITANCE:	1.7 pF MIN
EQUIVALENT SERIES RESISTANCE:	40 KOHMS
TURNOVER TEMPERATURE:	25°C ±5°C
PARABOLIC CURVATURE CONSTANT:	-0.034 PPM
MOTIONAL CAPACITANCE:	2.5 fF TYP
CAPACITANCE RATIO:	400 TYP
QUALITY FACTOR:	8000 TYP
INSULATION RESISTANCE:	500 MOhm

CAGE CODE:
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RALTRON		
10651 NW 19TH STREET MIAMI, FL 33172		
ALL DIMENSIONS ARE IN mm/inch UNLESS OTHERWISE SPECIFIED		
DRAWN BY:	Part Generator	
CHECKED BY:		
APPROVED BY:		
SCALE:	SHEET 1 OF	DATE:

DRAWING TITLE:	TUNING FORK
DRAWING NUMBER:	R145-3