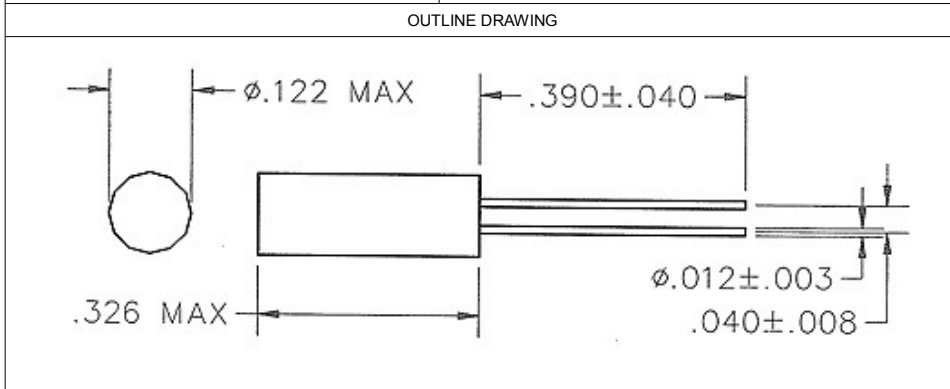


Crystal, Tuning Fork

DATA SHEET	
Part Number	38T
Frequency	30KHz ~ 80KHz, 32.768KHz Std
Calibration Tolerance @ 25°C	±50PPM Standard (See Option Table)
Operating Temperature Range	-10°C ~ 60°C Standard (See Option Table)
Frequency Stability over Temperature	±50PPM Standard (See Option Table)
Operation Mode	Fundamental
ESR	40KΩ Max
Q-Factor	60K (Typical)
Turnover Temperature	25°C ± 5°C
Parabolic Curvature Constant	-0.042ppm/°C ² max
Shock Resistance	±3PPM Max, natural drop 3 times on hard wood surface from height of 75 cm
Load Capacitance	12.5pF Standard, Specify Custom Values
Shunt Capacitance	1.6pF Typical
Aging per year	±5.0PPM Max
Drive Level	1μW
Packaging	Bulk



PART NUMBER TABLE	
Option Code	Specification
A	Stability ±20 PPM
B	Stability ±30 PPM
C	Operating Temp -30°C ~ +85°C
D	Tolerance ±20 PPM @ 25°C
E	Tolerance ±30 PPM @ 25°C

Part Number Generation

38T · Option Code · Frequency · Load Capacitance
 ex: 38T-32.768K
 (±50ppm(tolerance)/±50ppm(stability), -10°C-60°C, 12.5pF)

Please contact factory for custom specifications