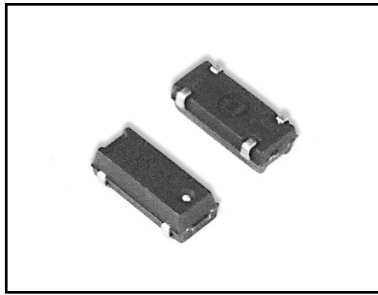


FMXWJS SERIES

Watch Crystals

J-LEAD PLASTIC SMD



- Standard Freq. 32.768 kHz
- J - Lead Surface Mount
- Tape & Reel
- Low Cost

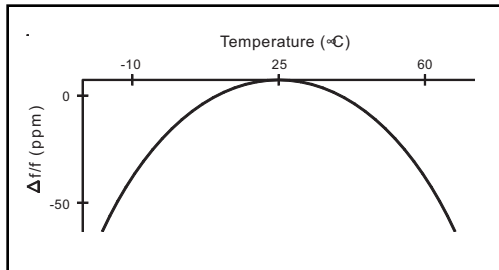


SPECIFICATIONS

08 - issue 2 - 041508

Parameter	Specifications
Frequency	32.768 kHz
Frequency Tolerance	±20 ppm @ 25°C Std.
Frequency Stability Over Temp.	-0.42 ppm / (25-T)°C≈ Max. Parabolic
Turn Over Temperature	+25 ± 5°C Std.
Operating Temperature	-10 to +60°C Std.
Storage Temperature	-40 to +85°C
Load Capacitance (CL)	12.5 pF Std.
Equivalent Series Resistance (ESR)	50k Ohms max.
Shunt Capacitance (C0)	0.85pF typ., 2pF max.
Drive Level	1 uW typical, 1 mW max.
Aging @ 25°C	±3 ppm per year max.

All specifications subject to change without notice.



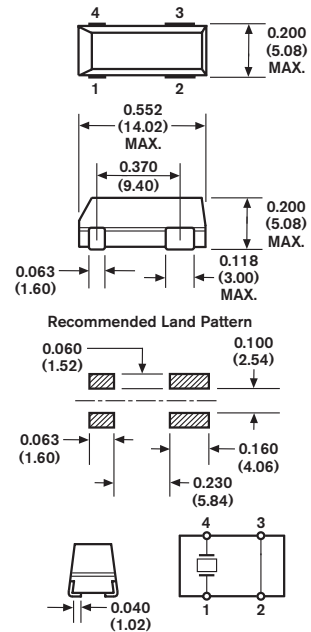
Parabolic Temperature Curve

STANDARD MARKING

FMI XX.XXX

XX.XXX FREQUENCY in MHz

J-LEAD PLASTIC SMD



PIN FUNCTION TABLE

Pin	Function
1	Crystal
2	Ground
3	Ground
4	Crystal

Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$

PART DESCRIPTION SYSTEM

FMXW JS T 12 F S E - 32.768k - TR

