



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

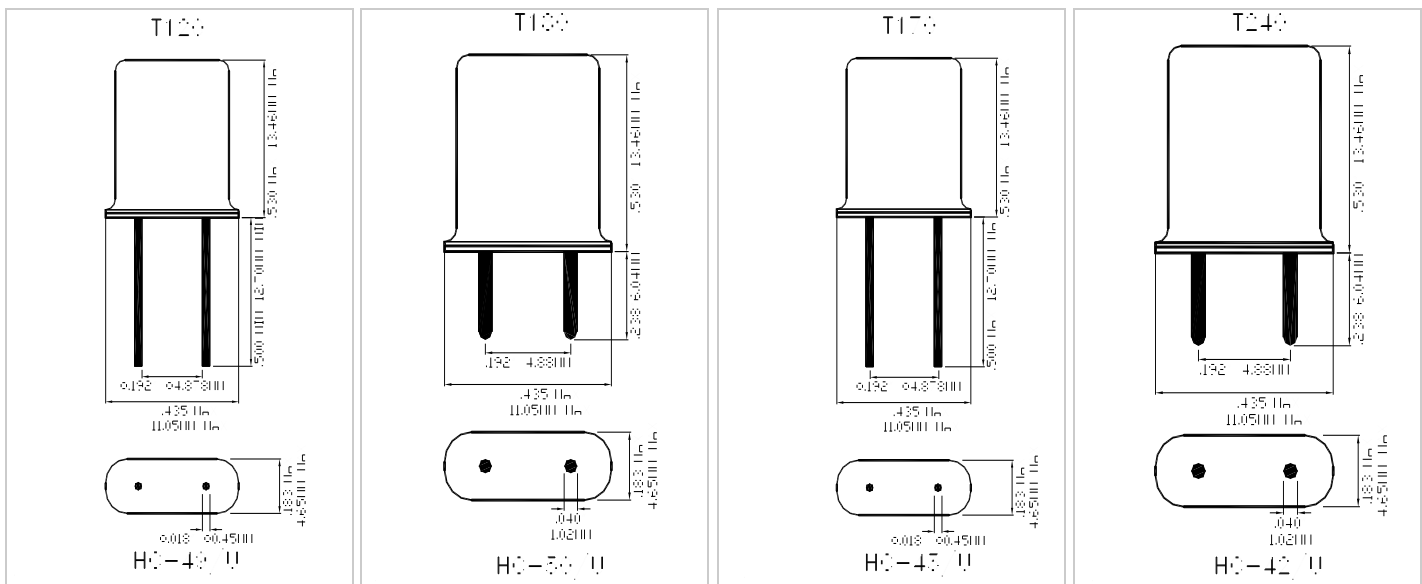
EX 23
Series
MILITARY
Thru-Hole Crystal

Features: *Mil-Spec, Custom Made-to-Order, 5th Overtone, HC-49 Size Series*

| PARAMETERS | EX231 | EX232 | EX233 | EX234 |
|---------------------------------------|-------------------------------------|-------|-------|-------|
| Package Part# | T120 | T180 | T170 | T240 |
| Frequency Range (MHz) | 50.0 ~ 150.0 | | | |
| Overtone | 5th | | | |
| Frequency Calibration (\pm ppm) | 10 Typical | | | |
| Frequency Stability (\pm ppm) | 30 Typical | | | |
| Operating Temp. Range ($^{\circ}$ C) | -55 ~ +105 | | | |
| Max. Resistance Level (ohms) | 60 | | | |
| Resonance Type | Series or Load (Specify 10 ~ 50 pF) | | | |
| Max. Drive Level (μ W) | 2,000 | | | |
| Test Drive Level (μ W) | Per Specification (200 Typical) | | | |

STANDARD AVAILABLE OPTIONS

- Parts are manufactured and tested per MIL-C-3098 and marked per MIL-STD-1285
- Parts are manufactured to meet the electrical & mechanical requirements of MIL-STD-202
- Frequency Calibration (\pm ppm): 5, 10, 15, 20, 25
- Frequency Stability (\pm ppm): 5, 10, 15, 20, 25, 50 (Frequency and Temp. Range Dependent)
- Operating Temp. Range ($^{\circ}$ C): Downward to -60 and Upward to +150 (Frequency Range Dependent)
- Max. Resistance Level (Ω): Lower values are available (Frequency Range Dependent)



INFICON EDC Inc. • (800) EDC-XTAL • www.inficonedc.com

This drawing & information are the property of INFICON EDC Inc. and shall not be reproduced, copied or used in any manner without the sole permission of INFICON EDC Inc. All specification subject to change. Please contact factory for current specifications (Rev. 05/08)