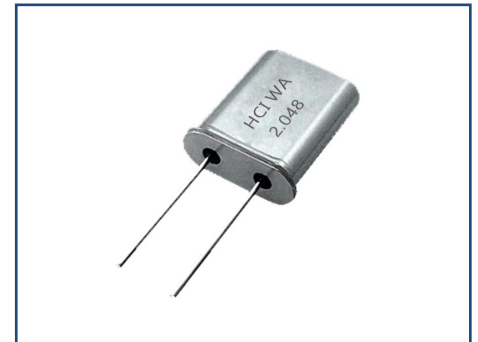


QUARTZ CRYSTAL UNIT IN HC-49/U THRU-HOLE PACKAGE.
PRODUCT FEATURES

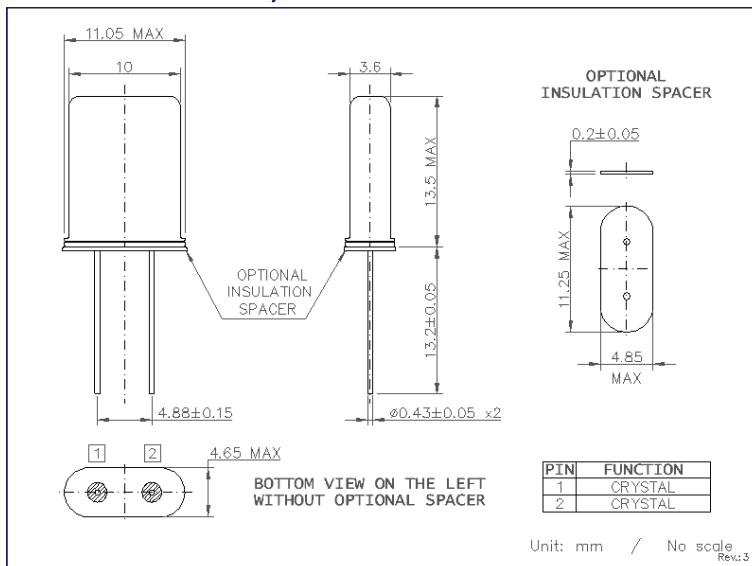
- Dimensions 11x13x4.5 with 2 leads.
- Ideal for low frequencies.
- Optional insulation spacer and cut leads available.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

APPLICATIONS

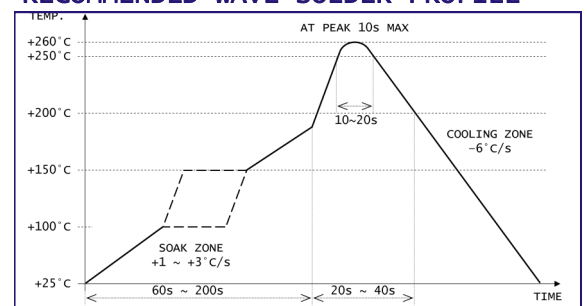
- TV, Radio
- Communication devices
- Test Equipment
- Medical equipment

PRODUCT PHOTO (NOT IN SCALE)

PRODUCT SPECIFICATIONS

| PARAMETER | 049UT2 | | CONDITIONS / REMARKS |
|------------------------------|--|--------------|--|
| Nominal frequency range | 1.8432 ~ 100.0MHZ | | Fundamental up to 35MHz and 3rd overtone up to 100MHz. |
| Crystal cut and mode | AT-cut / FUND & 3rd OT | | |
| Frequency tolerance | ±10ppm / ±20ppm / ±30ppm | | Other options available. |
| Frequency stability | ±10ppm | ±30ppm | Other options available. |
| Operating temperature range | -20 to +70°C | -40 to +85°C | Other options available. |
| Equivalent series resistance | 500Ω ~ 200Ω 150Ω ~ 100Ω 100Ω ~ 40Ω <30Ω <40Ω | | FUND - 1.8 to 2.9MHZ FUND - 3.0 to 4.5MHZ FUND - 4.6 to 9.9MHZ FUND - >10.0MHZ 3rd OT - 35.0 to 100.0MHZ |
| Load capacitance | 4 ~ 32pF or SERIES | | Please specify. |
| Shunt capacitance | <7pF | | -- |
| Drive level | 100μW TYP / 500μW MAX | | -- |
| Aging first year | ±5ppm | | @+25°C |

PACKAGE OUTLINE / DIMENSIONS

PACKAGING INFORMATION

- Bulk packaging in vinyl bags and boxes.
- QTY per bag: 100pcs MAX.
- QTY per box: 1,000pcs MAX.

RECOMMENDED WAVE SOLDER PROFILE


X-ON Electronics

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