

QUARTZ CRYSTAL UNIT IN UM-1 THRU-HOLE PACKAGE.

PRODUCT FEATURES

- Dimensions 7.4x3.2x8.1 with 2 leads.
- Ideal for low frequencies.
- Optional insulation spacer and cut leads available.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

PRODUCT PHOTO (NOT IN SCALE)



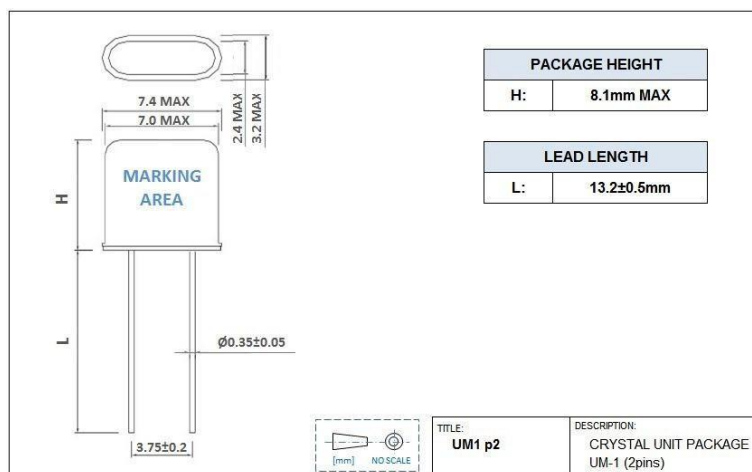
APPLICATIONS

- Radio
- Communication devices
- Test Equipment
- Medical equipment

PRODUCT SPECIFICATIONS

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PARAMETER	09M1T2		CONDITIONS / REMARKS
Nominal frequency range	8 ~ 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	<50Ω		FUND – 8 to 12MHZ
	<30Ω		FUND – 12 to 36MHZ
	<40Ω		3rd OT – 36.0 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

