



WIRE MOUNT LOW FREQUENCY CRYSTAL UNIT - UM1W Series

FEATURES

- RoHS Compliant (Pb-Free), Special Low Frequency Range
- SL-cut Crystal, Excellent Aging & Frequency Stability
- Industry Standard UM1 Package, Compact Size
- Options - Insulator Tab, etc.

SPECIFICATIONS

Frequency Range 800 KHz to 1.2288 MHz
Resonance Mode 1 = Fundamental

Calibration Tolerance @25°C A = ±50 ppm
Frequency Stability Ref @25°C 100 = ±100 ppm
Temperature Range C = -10°C to 60°C
Crystal Aging ±5 ppm / year Maximum
Storage Temperature -55°C to 125°C

Load Capacitance (CL) CL = 30 pF (Standard), 18 pF, 20 pF, others, or S = Series resonant
Shunt Capacitance 7 pF Maximum
Drive Level 0.5 mW Maximum

Pullability (option) May be specified in terms of frequency shift over a certain range of CL

Equivalent Series Resistance 3K Ohms Max (1MHz), 5K Ohms Max (1.2MHz)

Creating a Part Number **UM1W-800K000-1A100C30-option**

Product Series _____
 Frequency _____
 Resonance Mode: 1 = Fundamental _____

Load Capacitance: 30, 18, 20, S = Series resonant
 Operating Temperature Range: C = -10 to 60°C
 Frequency Stability: 100 = ±100 ppm
 Tolerance at 25°C: A = ±50 ppm

OUTLINE DRAWING

