

CRYSTAL UNITS

TU2 Series Crystal

Low Profile, SMD



TU2

RoHS Complaint Standard

Features:

- ◆ GSM, GPS, PCMCIA, Wireless Modem, Paging
- ◆ High reliability, seam welded
- ◆ VP/ IR solder re-flow compatible
- ◆ Shielded
- ◆ Ultra-miniature
- ◆ Tighter Tolerance
- ◆ Tape and Reel Available

Model: TU2 Series Specifications

Frequency Range	6.0 to 125.0 MHz
Frequency Tolerance	±5 to ±50 ppm
Frequency Stability	See Table
Operating Temperature Range	See Table
Load Capacitance	Series, 10 to 32 pF
Shunt Capacitance	7pF max.
Mode of Vibration	See Table
Equivalent Series Resistance	See Table
Drive Level	50 µW to 1mW
Aging	±5 ppm/Year Max.

Frequency (MHz)	Mode	ERS max. (Ω)
8.00 to 9.99	AT1	70
10.00 to 14.99	AT1	60
15.00 to 19.99	AT1	50
20.00 to 34.99	AT1	40
35.00 to 43.99	AT3	80
44.00 to 79.99	AT3	60
80.00 to 125.0	AT3	50

AT1	AT cut Fundamental
AT3	AT cut 3rd Overtone
AT5	AT cut 5th Overtone
AT7	AT cut 7th Overtone

Temperature	Stability (ppm)
0 to 50°C	±5, ±10, ±15, ±20, ±25, ±30
-10 to 60°C	±10, ±15, ±20, ±25, ±30
-20 to 70°C	±10, ±15, ±20, ±25, ±30
-40 to 85°C	±20, ±25, ±30

CRYSTAL: TU2 Series Crystal

CRYSTAL: TU2 Series Crystal

