

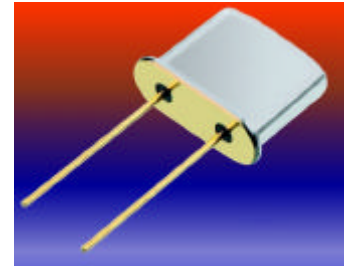
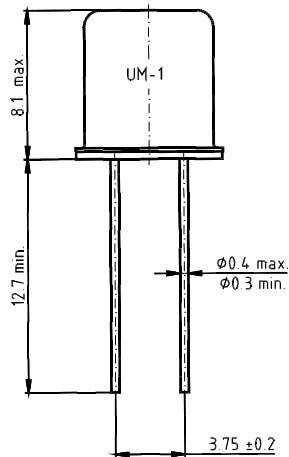
Typical Applications

Telecommunications,
industrial

Features

UM-1, leaded, resistance
welded

Enclosure



all units in mm

Frequency range

7.000 MHz to 80.000 MHz

Standard frequencies

In MHz			
7.372800	12.000000	18.432000	24.000000
8.000000	14.318180	19.660800	25.000000
9.830400	14.745600	20.000000	32.000000
10.000000	15.000000	20.945000	40.000000
11.059200	16.000000	22.118400	60.000000

Adjustment tolerance

± 30 ppm @ 25 °C

Load Capacitance

C_L 30 pF or series (S)

Temperature stability

± 50 ppm from -20 ... + 70 °C

Resonance resistance

R_r max.

Resonance resistance & overtone		
Frequency range	R_r max.	Overtone
7.000.....7.999 MHz	100	1. (fundamental)
8.000.....9.999 MHz	80	1. (fundamental)
10.000.....15.999 MHz	60	1. (fundamental)
16.000.....31.999 MHz	30	1. (fundamental)
32.000.....80.000 MHz	80	3.

Shunt capacitance

C_0 < 7 pF

Ageing

< ± 5 ppm / year @ 25 °C

Drive Level

P_q 0.1 mW

Packing

See handling & processing note.

Ordering Code

ED1.	30		20945.0 kHz
type + overtone	load capacitance	blank	frequency

- Note:
- 1 Additional parameters : see frame specification TQE 9000
 - 2 Subject to technical modification
 - 3 Not all options are available at all frequencies. Consult us for details.