

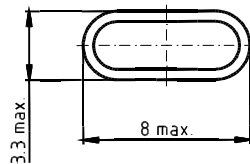
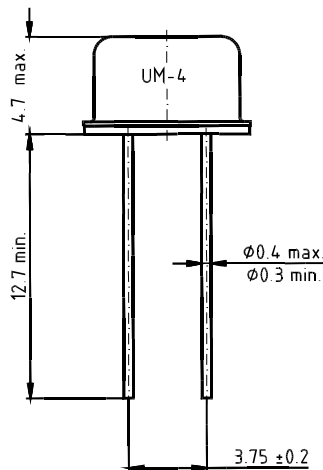
Typical Applications

Telecommunications,
industrial

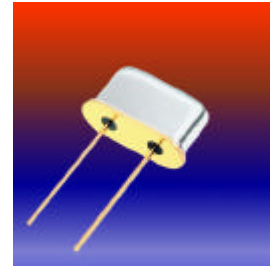
Features

UM-4, leaded, resistance
welded

Enclosure



all units in mm



Frequency range

12.000 MHz to 80.000 MHz

Standard frequencies

In MHz			
12.000000	18.000000	22.118400	48.000000
14.318180	18.432000	24.000000	60.000000
14.745600	19.660800	25.000000	80.000000
15.000000	20.000000	32.000000	
16.000000	20.945000	40.000000	

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
12.000.....19.999 MHz	60	1. (fundamental)
20.000.....31.999 MHz	40	1. (fundamental)
32.000.....80.000 MHz	70	3.

Shunt capacitance

C_0 < 7 pF

Ageing

< ± 5 ppm / year @ 25 °C

Drive Level

P_a 0.1 mW

Packing

See handling & processing note.

Ordering Code

EF1.	S		25000.0 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.