

### FEATURES

- Small Size
- Wide Frequency Range
- High Stability
- Fast Turnaround Options

### APPLICATIONS

- Pagers
- Radio Communications
- Telemetry Systems
- Automotive Electronics

### STANDARD SPECIFICATION

Frequency Range: 4.00 MHz to 300.00 MHz\*  
 Adjustment Tolerance at 25°C: ±30PPM Max.  
 Frequency Stability: ±50PPM Max.  
 Operating Temperature Range: -10°C to +60°C  
 Load Capacity: 30pF  
 E.S.R: See Table  
 Drive level: 100 MicroWatt  
 Ageing: ±3PPM 1st Year Max.  
 (\*UM-4/UM-5 From 10MHz)

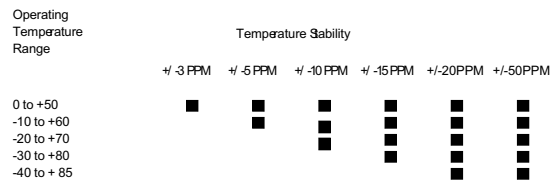
Frequency Range	E.S.R	Mode
4.00 MHz ~ 4.99 MHz	200	Fund
5.00 MHz ~ 5.99 MHz	150	Fund
6.00 MHz ~ 6.99 MHz	120	Fund
7.00 MHz ~ 8.99 MHz	100	Fund
8.00 MHz ~ 9.99 MHz	90	Fund
10.00 MHz ~ 15.99 MHz	40	Fund
16.00 MHz ~ 22.99 MHz	30	Fund
23.00 MHz ~ 39.99 MHz	60	3 O/T
40.00 MHz ~ 100.00 MHz	60	3 O/T
50.00 MHz ~ 150.00 MHz	90	5 O/T
100.0 MHz ~ 300.00 MHz	150	7 O/T

### AVAILABLE OPTIONS

Frequency Range: 4.00MHz ~ 300 MHz  
 Adjustment Tolerance: ±5PPM ~ ±30PPM  
 Load Capacity: Series or 9pF ~ 50pF  
 Shunt Capacity (C0): 4.5pF ~ 7pF (Typ.)  
 Dynamic Capacity (C1): 18fF ~ 20fF (Typ.)

Also available with SMD Metal Clip (UM-1 & UM-5)

### Frequency Stability vs Operating Temperature Range



### Value Added Services

In addition, AEL Crystals Ltd are able to offer our customers the following value added services:-

- Fitted Insulators
- Cropping
- Radial Taping
- Lead
- Earth Lead

