

| MECHANICAL DIMENSIONS | | ELECTRICAL SPECIFICATION | | | |
|-----------------------|--|--|---|---------|--|
| | | Frequency Range | 3.579MHz to 85.000MHz | | |
| | | Load Capacitance(CL) | See Table1 (Standard 18pF) | | |
| | | Oscillation Mode | See Table2 | | |
| | | Frequency Tolerance at 25°C (RT) | ±10.0ppm to ±50.0ppm See Table3 (Standard ±50.0ppm) | | |
| | | Frequency Stability over Operating temperature range(TC) | ±3.0ppm to ±50.0ppm See Table4 (Standard ±50.0ppm) | | |
| | | Temperature Range Operating(TR) Storage | See Table 5 (Standard 0 to +70°C) Standard -40°C to 85°C | | |
| | | Drive Level(DL) | 0.01mW to 1.0mW | | |
| | | Shunt Capacitance(C0) | 7.0pF max | | |
| | | Aging | ±3.0ppm to ±5.0ppm per year max | | |
| | | Insulation Resistance(IR) | 500MΩ min at 100Vdc | | |
| | | Frequency Range(MHz) | ESR(Ω max) | Mode | |
| | | 3.579~5.999 | 150~100 | AT FUND | |
| | | 6.000~11.999 | 90~60 | AT FUND | |
| | | 12.000~14.999 | 50 | AT FUND | |
| | | 15.000~19.999 | 40 | AT FUND | |
| | | 20.000~40.000 | 30 | AT FUND | |
| | | 20.000~40.000 | 40 | BT FUND | |
| | | 24.000~47.999 | 100 | 3rd O/T | |
| | | 48.000~85.000 | 80 | 3rd O/T | |

| Table1 | | Table2 | | Table3 | | Table4 | | Table5 | |
|------------------|--------|------------------|---------|---------------------|---------|---------------------|---------|-----------------------|---------|
| Load Capacitance | | Oscillation Mode | | Frequency Tolerance | | Frequency Stability | | Operating Temp. Range | |
| Symbol | CL(pF) | Symbol | Mode | Symbol | RT(ppm) | Symbol | TC(ppm) | Symbol | TR(°C) |
| S | Series | 1 | AT-FUND | A | ±10 | A | ±3 | A | 0~+50 |
| XX | XX pF | 2 | BT-FUND | B | ±15 | B | ±5 | B | 0~+70 |
| | | 3 | 3rd O/T | C | ±20 | C | ±10 | C | -10~+60 |
| | | | | D | ±30 | D | ±15 | D | -20~+70 |
| | | | | E | ±50 | E | ±20 | E | -30~+80 |
| | | | | XX | ±XX | F | ±30 | F | -40~+85 |
| | | | | | | G | ±50 | | |
| | | | | | | XX | ±XX | | |