

Available in SMD configuration
 Wide frequency coverage
 Resistance weld for a good aging factor
 Small foot print
 Low profile

MECHANICAL DIMENSIONS		ELECTRICAL SPECIFICATION		
		Frequency Range	10.000MHz to 200.000MHz	
		Load Capacitance(CL)	See Table1 (Standard 18pF)	
		Oscillation Mode	See Table2	
		Frequency Tolerance at 25°C (RT)	±5.0ppm 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 per year max	
		Insulation Resistance(IR)	500MΩ min at 100Vdc	
		Frequency Range(MHz)	ESR(Ω max)	Mode
		10.000~15.999	60	AT FUND
		16.000~60.000	40	AT FUND
		30.000~100.000	60	3rd O/T
		80.000~155.000	80	5th O/T
		120.000~200.000	120	7th 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	±5	A	±3	A	0~+50
XX	XX pF	2	3rd O/T	B	±10	B	±5	B	0~+70
		3	5th O/T	C	±15	C	±10	C	-10~+60
		4	7th O/T	D	±20	D	±15	D	-20~+70
				E	±30	E	±20	E	-30~+80
				F	±50	F	±30	F	-40~+85
				XX	±XX	G	±50		
						XX	±XX		