

SMD-160 Series

Seam Welded Ceramic Surface Mount Crystals

Frequency Range	12.000 ~ 150.000 MHz
Oscillation Mode	12.000 ~ 50.000 MHz (Fundamental) 50.000 ~ 90.000 MHz (3 rd Overtone) 90.000 ~ 150.00 MHz (5 TH Overtone)
Frequency Tolerance	± 10ppm, ± 15ppm, ±20ppm@+25
Frequency Stability	± 5ppm, ± 10ppm, ± 15ppm
Operating temperature range	0 ~ +70
Equivalent series resistance	As per Chart below
Load Capacitance	Customer Specified
Drive Level	100 μ W Max.

All specifications are subject to change without notice.

Option: *Tighter Tolerance, Tighter Stability, Extended Temperature

Equivalent Series Resistance :

Frequency (MHz)	Equivalent Series Resistance(Ω)	Oscillation Mode
12.000-50.000	50	Fundamental
50.000-90.000	70	3 rd overtone
70.000-89.999	120	5 th overtone
90.000-150.00	120	5 th overtone

