

PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5

SL A 32 C 1 - 30.000MHz

Package ————— SL — 2.0mm max. ht. / 2 Pad Metal SMD

Tolerance/Stability ————— A — ±50/100
B — ±50/50
C — ±30/50
D — ±30/30

Mode of Operation
1 = Fundamental
3 = Third Overtone

Operating Temperature Range
C = 0°C to 70°C
E = -20°C to 70°C
F = -40°C to 85°C

Load Capacitance
S = Series, XX = XXpF (Pico Farads)

ELECTRICAL SPECIFICATIONS

Revision: 1998-C

Frequency Range	3.579545MHz to 70.000MHz
Frequency Tolerance/Stability A, B, C, D	See above for details! Other Combinations Available. Contact Factory for Custom Specifications.
Operating Temperature Range "C" Option, "E" Option, "F" Option	0°C to 70°C, -20°C to 70°C, -40°C to 85°C
Aging @ 25°C	±5ppm / year Maximum
Storage Temperature Range	-55°C to 125°C
Load Capacitance "S" Option "XX" Option	Series 8pF to 50pF
Shunt Capacitance	7pF Maximum
Insulation Resistance	500 Megaohms Minimum at 100Vdc
Drive Level	1mW Maximum, 100uW correlation

EQUIVALENT SERIES RESISTANCE (ESR)

Frequency (MHz)	ESR (ohms)	Marking Guide	Frequency (MHz)	ESR (ohms)
3.579545 to 3.999	200		Line 1: Frequency Line 2: CEI YM CEI: Caliber Electronics Inc. YM: Date Code	10.000 to 12.999
4.000 to 4.999	150	13.000 to 19.999		35
5.000 to 6.999	120	20.000 to 30.000		25
7.000 to 8.999	80	30.000 to 70.000		100

MECHANICAL DIMENSIONS

Marking Guide on page F3-F4

