

**PART NUMBERING GUIDE**

**Environmental/Mechanical Specifications on page F5**

**SL A 32 C 1 - 30.000MHz**

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

**Tolerance/Stability** ————— A —————  
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

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

