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)
3.579545 to 3.999	200
4.000 to 4.999	150
5.000 to 6.999	120
7.000 to 8.999	80

Marking Guide

Line 1: Frequency
Line 2: CEI YM
CEI: Caliber Electronics Inc.
YM: Date Code

Frequency (MHz)	ESR (ohms)
10.000 to 12.999	60
13.000 to 19.999	35
20.000 to 30.000	25
30.000 to 70.000	100

MECHANICAL DIMENSIONS

Marking Guide on page F3-F4