

PART NUMBERING GUIDE **Environmental/Mechanical Specifications on page F5**

LF10 A 32 C 1 - 30.000MHz

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|---|--|
| <p>Package LF10=1.0mm max.ht. / 2 Pad Seam Weld SMD</p> <p>Tolerance/Stability A=±50/100 B=±50/50 C=±30/50 D=±30/30</p> | <p>Mode of Operation 1=Fundamental</p> <p>Operating Temperature Range C=0°C to 70°C E=-20°C to 70°C F=-40°C to 85°C</p> <p>Load Capacitance S=Series, XX=XXpF (Pico Farads)</p> |
|---|--|

ELECTRICAL SPECIFICATIONS **Revision: 1996-B**

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|--|--|
| Frequency Range | 10.000MHz to 40.000MHz |
| 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 | 50mW Maximum, 50uW correlation |

EQUIVALENT SERIES RESISTANCE (ESR)

| Frequency Range (MHz) | ESR (ohms) | Mode / Cut |
|-----------------------|------------|------------------|
| 10.000 to 45.000 | 50 | Fundamental / AT |

MECHANICAL DIMENSIONS **Marking Guide**

All Dimensions in

Line 1: Frequency
Line 2: CEI YM

CEI = Caliber Electronics Inc.
YM = Date Code (Year / Month)