

## HIGH FREQUENCY CYLINDRICAL CRYSTAL (3.1 x 9.3mm)

**FEATURES:**

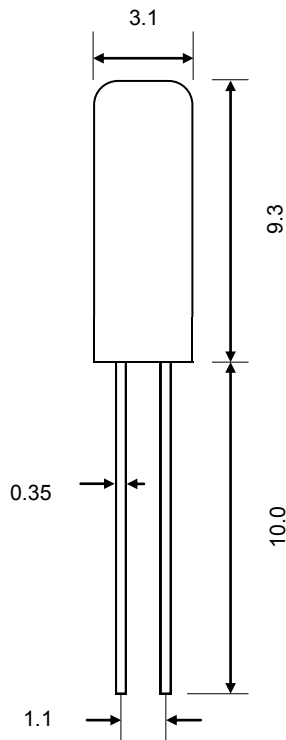
- WIDE FREQUENCY RANGE
- LOW COST / AT CUT
- EXCELLENT SHOCK AND VIBRATION RESISTANCE

RoHS  
Compliant

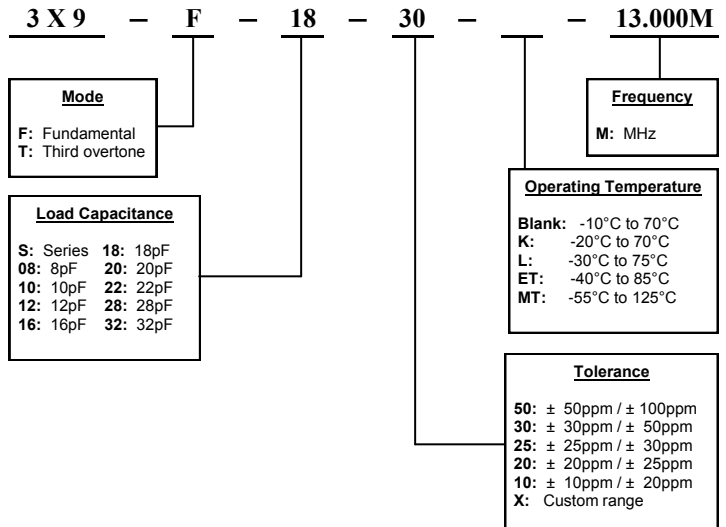


MODEL	3X9
FREQUENCY RANGE	3.579MHz ~ 90.000MHz
FREQ. TOLERANCE @ 25°C	± 30ppm, (see below for other options)
ESR	40 ~ 150W□max.
FREQUENCY STABILITY	± 50ppm, (see below for other options)
OPERATING TEMPERATURE RANGE	-10°C to 70°C, (see below for other options)
STORAGE TEMPERATURE RANGE	-55°C to 125°C
LOAD CAPACITANCE	Series to 32pF load. (see below for other options)
SHUNT CAPACITANCE	5.0pF max.
INSULATION RESISTANCE	500MΩ min. at 100VDC ± 15VDC
DRIVE LEVEL	100μW Max.
AGING	±3ppm max. First Year
PART NUMBER	See below
MODE	AT cut Fundamental / Third overtone (>30MHz)

### PACKAGE DIMENSIONS



### PART NUMBERING GUIDE



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