PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5

DT A 32 C 1 - 30.000MHz

Package
DT=4 Pad Plastic SMD
D=4 Pad Plastic SMD (MG3A Equivalent)

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

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

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

Mode of Operation
1=Fundamental
3=Third Overtone

ELECTRICAL SPECIFICATIONS

Revision: 1994-B

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 (D Series Only), -40°C to 85°C (D Series Only)
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
10.000 to 12.999	60
13.000 to 19.999	35
20.000 to 30.000	25
30.000 to 70.000	100

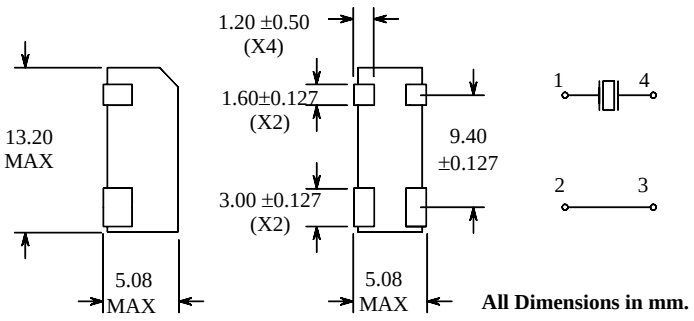
MARKING GUIDE

Line 1: Caliber
Line 2: Part Number
Line 3: Frequency
Line 4: Date Code

MECHANICAL DIMENSIONS

"D" Series

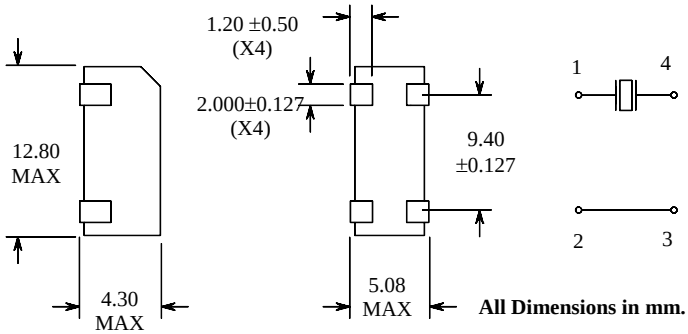
D Series are marked "Frequency/Date Code".



All Dimensions in mm.

"DT" Series

DT Series are marked "Frequency/Date Code".



All Dimensions in mm.