PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5

G A 32 C 3 - 65.000MHz - I

Package
G =UM-1 (8.1mm max. ht.)
H4=UM-4 (4.7mm max. ht.)
H5=UM-5 (6.0mm max. ht.)

Tolerance/Stability
A=±50/100
B=±30/50
C=±15/30
D=±15/50
E=±25/30
F=±25/50
G=±10/30
H=±5/10 (0°C to 50°C)
I = ±10/15

Configuration Options
I=Insulator Tab, TR=Tape and Reel (ammo for thru-hole), L=Third Lead
V=Vinyl Sleeve, AT=Cut of Quartz
SP=Spring Mount, G-Gull Wing, G1=Gull Wing/Metal Jacket

Mode of Operation
1=Fundamental
3=Third Overtone, 5=Fifth 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: 1994-B

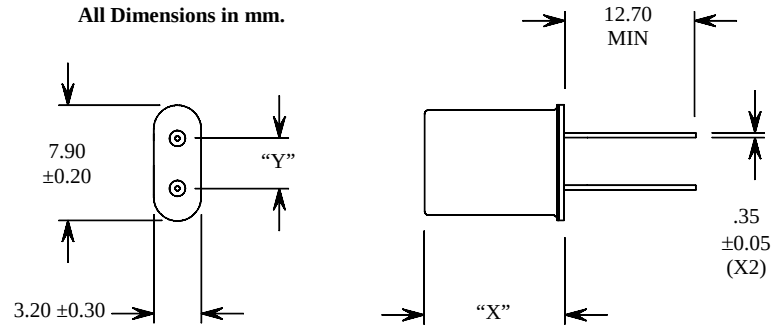
Frequency Range	10.000MHz to 150.000MHz
Frequency Tolerance/Stability A, B, C, D, E, F, G, H	See above for details! Other Combinations Available. Contact Factory for Custom Specifications.
Operating Temperature Range "C" Option, "E" Option, "F" Option	0°C to 70°C, -20°C to 70°C, -40°C to 85°C
Aging @ 25°C	±1ppm / year Maximum, ±3ppm / year Maximum, ±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	10.000 to 15.999MHz = 50uW Maximum 16.000 to 40.000MHz = 10uW Maximum 30.000 to 150.000MHz (3rd of 5th OT) = 100uW Maximum

EQUIVALENT SERIES RESISTANCE (ESR)

Frequency (MHz)	ESR (ohms)		Frequency (MHz)	ESR (ohms)
10.000 to 15.999 (UM-1)	50 (fund)		10.000 to 15.999 (UM-4,5)	50 (fund)
16.000 to 40.000 (UM-1)	40 (fund)		16.000 to 40.000 (UM-4,5)	50 (fund)
30.000 to 90.000 (UM-1)	70 (3rd OT)		30.000 to 90.000 (UM-4,5)	80 (3rd OT)
70.000 to 150.000 (UM-1)	100 (5th OT)		70.000 to 150.000 (UM-4,5)	120 (5th OT)

MECHANICAL DIMENSIONS

All Dimensions in mm.



Marking Guide

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