

### ● FEATURES

- TIGHT TOLERANCE AND STABILITY OVER TEMPERATURE
- WIDE FREQUENCY RANGE
- EXCELLENT FREQUENCY SOURCE FOR TELECOM APPLICATIONS

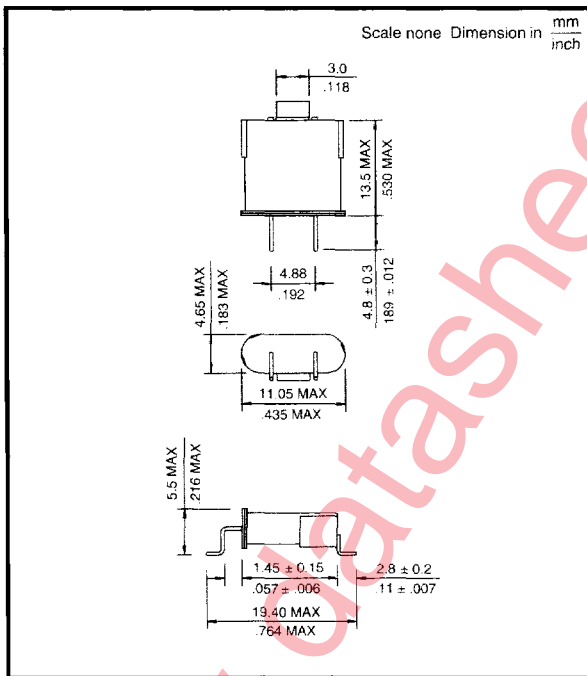
### ● SPECIFICATIONS

FREQUENCY RANGE		1.00 MHz TO 360.00 MHz
HOLDER TYPES	A-SMD: HC-49/U-SMD	1.00 MHz TO 360.00 MHz
	C-SMD: UM-1 SMD	10.00 MHz TO 300.00 MHz
FREQUENCY TOLERANCE AT 25° C		±5 PPM TO ±25 PPM
FREQUENCY STABILITY OVER TEMPERATURE RANGE		±3 PPM (-10°C TO +60°C) TO ±50 PPM (-55°C TO +125°C)
OPERATING TEMPERATURE RANGE		-55°C TO +125°C MAXIMUM
LOAD CAPACITANCE		10 pF TO 50 pF OR SERIES
AGING PER YEAR		±3 PPM MAXIMUM
MODE OF OSCILLATION		FUNDAMENTAL TO NINTH OVERTONE
EQUIVALENT SERIES RESISTANCE (ESR)		SEE PAGE 3
DRIVE LEVEL		0.1 uW TYPICAL

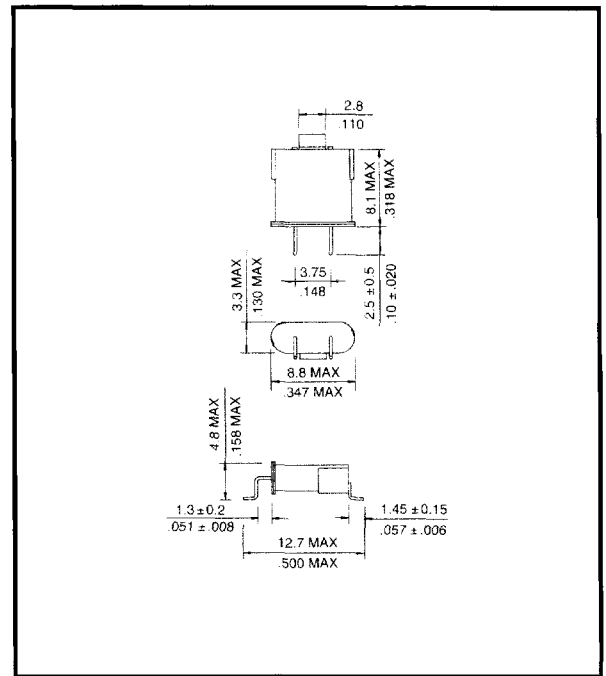


### ● OUTLINE DRAWINGS

A-SMD TYPE: HC-49/U-SMD



C-SMD TYPE: UM-1-SMD



24

### ● PART NUMBERING SYSTEM

HOLDER TYPE		FREQUENCY	LOAD CAPACITANCE	MODE		EXTENDED TEMPERATURE	SURFACE MOUNT
A	HC-49/U-SMD	IN MHZ	10 TO 32pF FOR PARALLEL S FOR SERIES	FUND	FUNDAMENTAL	EXT	SMD
C	UM-1-SMD			30T	THIRD OVERTONE		
				50T	FIFTH OVERTONE		
				70T	SEVENTH OVERTONE		
				90T	NINTH OVERTONE		

EXAMPLE: A-32.000-20-30T-SMD  
C-100.00-S-50T-SMD