

## ● FEATURES

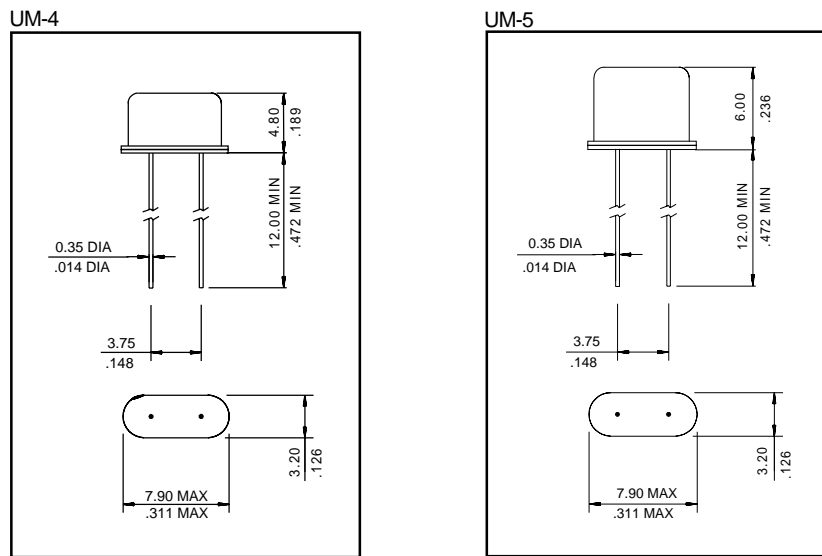
- TIGHT TOLERANCE AND STABILITY OVER TEMPERATURE
- WIDE FREQUENCY RANGE
- EXCELLENT FREQUENCY SOURCE FOR TELECOM APPLICATIONS

## ● SPECIFICATIONS

FREQUENCY RANGE		1.00 MHz TO 360.00 MHz
HOLDER TYPES	A: HC-49/U	1.00 MHz TO 360.00 MHz
	C: UM-1	8.00 MHz TO 300.00 MHz
	C4: UM-4	10.00 MHz TO 300.00 MHz
	C5: UM-5	10.00 MHz TO 300.00 MHz
FREQUENCY TOLERANCE AT 25°C		±5 PPM TO ±25 PPM
FREQUENCY STABILITY OVER TEMPERATURE		±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 THRU NINTH OVERTONE
EQUIVALENT SERIES RESISTANCE (ESR)		SEE PAGE 3
DRIVE LEVEL		0.1 uW TYPICAL

## ● OUTLINE DRAWINGS

Scale none Dimension in  $\frac{\text{mm}}{\text{inch}}$



REFER TO PAGE X FOR ADDITIONAL OUTLINE DRAWINGS

## ● PART NUMBERING SYSTEM

HOLDER TYPE		FREQUENCY	LOAD CAPACITANCE	MODE		EXTENDED TEMPERATURE
A	HC-49/U	IN MHz	10 TO 32pF FOR PARALLEL S FOR SERIES	F	FUNDAMENTAL†	EXT
B	HC-51/U			30T	THIRD OVERTONE	
C	UM-1			50T	FIFTH OVERTONE	
C4	UM-4			70T	SEVENTH OVERTONE	
C5	UM-5			90T	NINTH OVERTONE	

MECHANICAL OPTIONS				TAPE AND REEL
THREE PIN BASE	THIRD LEAD (TOP OF HOUSING)	SPACER	SLEEVE	TR
3PIN	3RD	SP	SL	

EXAMPLE: A-4.000-18-EXT-3PIN-SP-SL-TR  
C4-50.000-S-30T

† FUNDAMENTAL MODE NOT NEEDED IN PART NUMBER