

HIGH ACCURACY CRYSTAL UNITS

● FEATURES

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

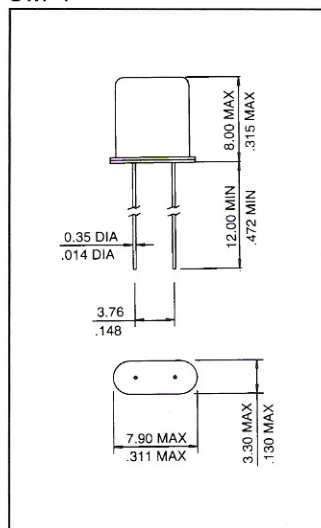
● SPECIFICATIONS

FREQUENCY RANGE	1.00 MHz TO 360.00 MHz	
HOLDER TYPES	L1: UM-1	8.00 MHz TO 300.00 MHz
	L5: UM-5	10.00 MHz TO 300.00 MHz
FREQUENCY TOLERANCE AT 25	±5 PPM TO ±25PPM	
FREQUENCY STABILITY OVER TEMPERATURE	±3 PPM (-10 TO +60) TO ±50 PPM (-55 TO +125)	
OPERATING TEMPERATURE RANGE	-55 TO +125 MAXIMUM	
LOAD CAPACITANCE	10pF TO 50pF 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	

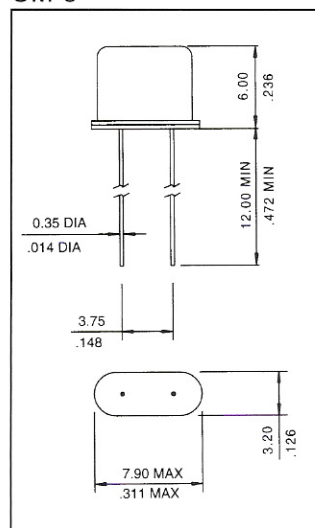
● OUTLINE DRAWINGS

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

UM-1



UM-5



REFER TO PAGE X FOR ADDITIONAL OUTLINE DRAWINGS

● **PART NUMBERING SYSTEM**

HOLDER TYPE		FREQUENCY	LOAD CAPACITANCE	MODE		EXTENDED TEMPERATURE
L1	UM-1	IN MHz	10 TO 32pF FOR PARALLEL S FOR SERIES	FUND 30T 50T 70T 90T	FUNDAMENTAL+ THIRD OVERTONE FIFTH OVERTONE SEVENTH VERTONE NINTH OVERTONE	EXT

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

EXAMPLE: L1-4.000-18.EXT –3PIN-SL-T
L5-50.000-S-30T
†FUNDAMENTAL MODE NOT NEEDED IN PART NUMBER