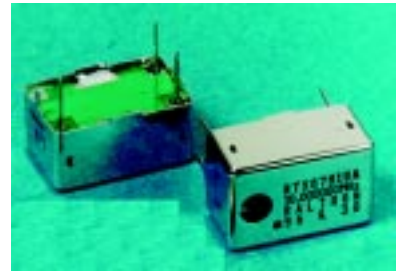


● FEATURES

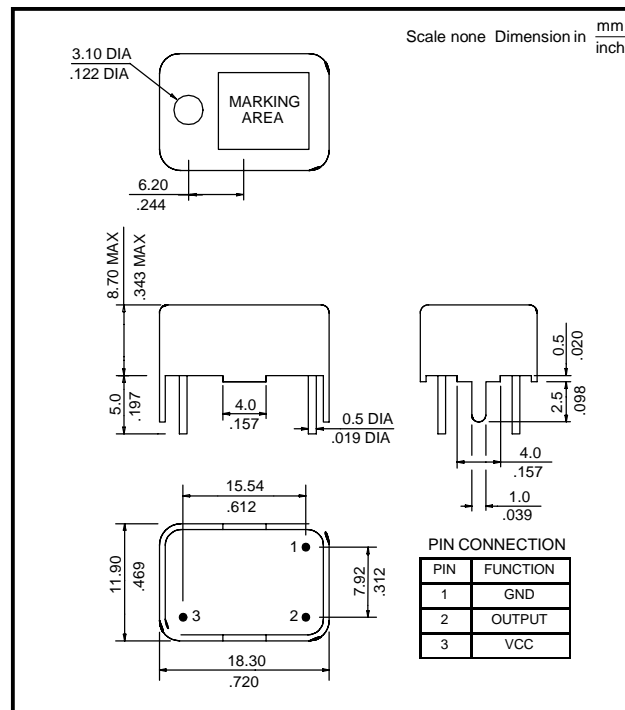
- LOW PROFILE PACKAGE
- TOLERANCE AND STABILITY TO ± 2.5 PPM
- LOW COST

● SPECIFICATIONS

SERIES		RTXO-781	
FREQUENCY RANGE		9.00 MHz TO 24.00 MHz	1.50 MHz TO 24.00 MHz
FREQUENCY STABILITY OVER OPERATING TEMPERATURE RANGE		C: ± 1.5 PPM D: ± 2.0 PPM E: ± 2.5 PPM	
OPERATING TEMPERATURE RANGE		JZ: -10°C TO 70°C LZ: -20°C TO 70°C F1: -30°C TO 75°C	
FREQUENCY STABILITY VS. SUPPLY VOLTAGE VARIATION		0.5 PPM AT 5.0 VDC $\pm 5\%$	
FREQUENCY STABILITY VS. LOAD VARIATION		± 0.5 PPM AT 10 KOHM // 10 pF	
AGING		± 1 PPM PER YEAR	
STORAGE TEMPERATURE RANGE		-40°C TO 85°C	
INPUT	VOLTAGE	$+5.0$ VDC $\pm 5\%$	
	CURRENT	5.0 mA MAX	15.0 mA MAX
OUTPUT	WAVEFORM	CLIPPED SINEWAVE	
	LEVEL	$+1.0$ V p-p	HCMOS
	LOAD	10 K OHM // 10 pF	10 TTL OR 15 pF
FREQUENCY ADJUSTMENT		± 3 PPM MIN BY INTERNAL TRIMMER	



● OUTLINE DRAWING



● PART NUMBERING SYSTEM

TYPE	REVISION	SERIES	FREQUENCY STABILITY	TEMPERATURE RANGE	WAVEFORM	FREQUENCY
RTX	TBD*	781	C: ± 1.5 PPM D: ± 2.0 PPM E: ± 2.5 PPM	JZ: -10°C TO $+70^{\circ}\text{C}$ LZ: -20°C TO $+70^{\circ}\text{C}$ F1: -30°C TO $+75^{\circ}\text{C}$	S: CLIPPED SINE C: HCMOS	IN MHZ

EXAMPLE: RTX*-781EF1S-18.432