



中川電子有限公司

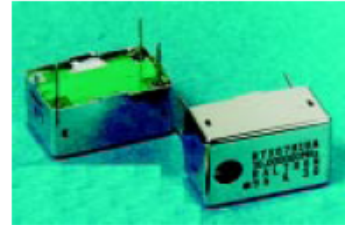
Nakagawa Electronics Limited

SERIES RTX-781

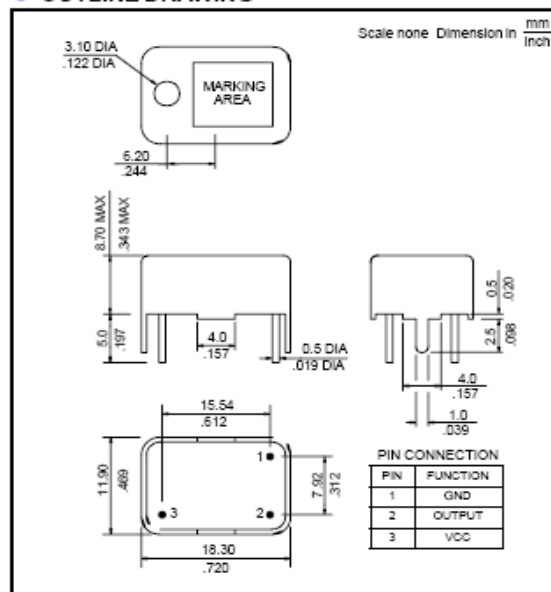
- FEATURES
  - LOW PROFILE PACKAGE
  - TOLERANCE AND STABILITY TO  $\pm 2.5$  PPM
  - LOW COST

● 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: $\pm 1.5$ PPM D: $\pm 2.0$ PPM E: $\pm 2.5$ PPM	
OPERATING TEMPERATURE RANGE		JZ: $-10^{\circ}\text{C}$ TO $70^{\circ}\text{C}$ LZ: $-20^{\circ}\text{C}$ TO $70^{\circ}\text{C}$ F1: $-30^{\circ}\text{C}$ TO $75^{\circ}\text{C}$	
FREQUENCY STABILITY VS. SUPPLY VOLTAGE VARIATION		0.5 PPM AT 5.0 VDC $\pm 5\%$	
FREQUENCY STABILITY VS. LOAD VARIATION		$\pm 0.5$ PPM AT 10 KOHM // 10 pF	
AGING		$\pm 1$ PPM PER YEAR	
STORAGE TEMPERATURE RANGE		$-40^{\circ}\text{C}$ TO $85^{\circ}\text{C}$	
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		$\pm 3$ PPM MIN BY INTERNAL TRIMMER	



● OUTLINE DRAWING



● PART NUMBERING SYSTEM

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

EXAMPLE: RTX\*-781EF1S-18.432

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