

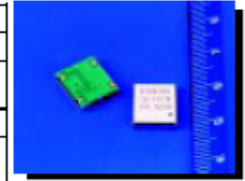


中川電子有限公司
Nakagawa Electronics Limited

SERIES RTX-204 AND RTV-204

- FEATURES
 - ULTRA MINIATURE PACKAGE
 - EXCELLENT FREQUENCY STABILITY AND AGING
 - 5.0 V OR 3.0 V SUPPLY VOLTAGE
- SPECIFICATIONS

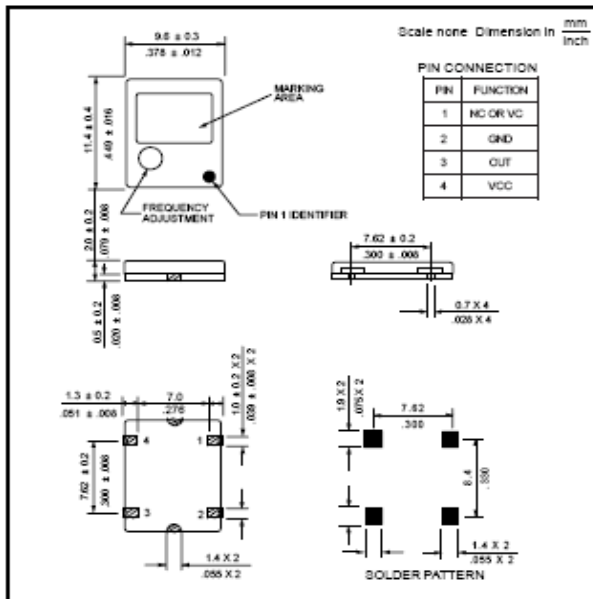
SERIES	RTX-204	RTV-204	RTV-204
FREQUENCY RANGE		10.00 MHz TO 20.00MHz	
FREQUENCY STABILITY OVER TEMPERATURE RANGE†		±2.5 PPM	
OPERATING TEMPERATURE RANGE		-30°C TO +75°C	
FREQUENCY STABILITY VS. SUPPLY VOLTAGE VARIATION		±0.3 PPM AT 3.0V ±5%	
AGING		±0.8 PPM MAX PER YEAR	
SUPPLY VOLTAGE†		+3.0 VDC ±5%	
OUTPUT LEVEL		0.8V p-p MIN AT 3.0 VDC ±5%	
LOAD		10 K OHM // 10pF	
OUTPUT WAVEFORM†		CLIPPED SINE (CMOS/TTL AVAILABLE††)	
CURRENT		2.0 mA MAX	
FREQUENCY ADJUSTMENT		±3 PPM MIN	TRIMMERLESS
VOLTAGE CONTROL RANGE†	N/A	W:±5 PPM TO ±10 PPM (+1.5V ±1V)	N:±8 PPM TO ±14 PPM (+1.5V ±1V)



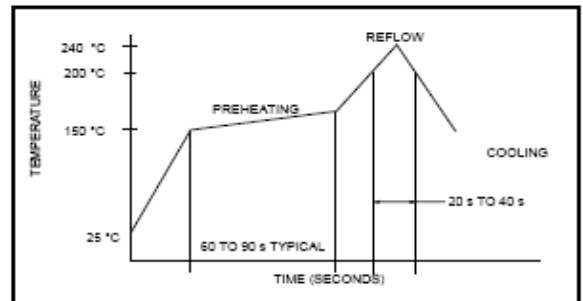
† OTHER STABILITIES OVER TEMPERATURE, +5.0 V SUPPLY, WAVEFORMS AND FREQUENCY DEVIATIONS ARE AVAILABLE.

†† CMOS/TTL OUTPUT IS AVAILABLE WITH 2.5 mm MAX HEIGHT ONLY.

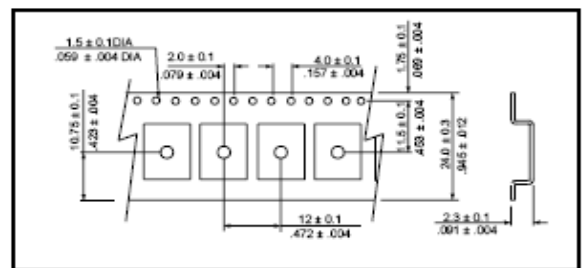
● OUTLINE DRAWING



● REFLOW SOLDERING PROFILE



● CARRIER TAPE DIMENSIONS



● PACKAGING

330 mm REEL DIAMETER, 24 mm TAPE WIDTH, 12 mm PITCH, QUANTITY: 2000 PIECES PER REEL

● PART NUMBERING SYSTEM

TYPE	REVISION	SERIES	FREQUENCY STABILITY	TEMPERATURE RANGE	VOLTAGE	FREQUENCY CONTROL (RTV ONLY)	TRIMMER	WAVEFORM	FREQUENCY
RTX RTV	TBD*	204	E: ±2.5 PPM	F1: -30°C TO +75°C	3: +3.0 VDC ± 5%	W: ±5.0 PPM TO ±10.0 PPM (+1.5 V ±1.0 V) N: ±8 PPM TO ±14 PPM (+1.5 V ±1.0 V)	T	S: CLIPPED SINE	IN MHZ

EXAMPLE: RTV*-204EF13X-TS-20.000

* REVISION IS ASSIGNED DURING MANUFACTURING

中國 ● 香港 ● 九龍官塘開源道 55 號 開聯工業中心 7 字樓 A 座 1-2 號
Block A, Flat 1-2, 7/F, Hoi Yuen Road, Kwun Tong, Kln, Hong Kong, China

Tel: 852-23899201 Fax: 852-23410001 E-mail: info@nkg.com.hk