

FEATURES

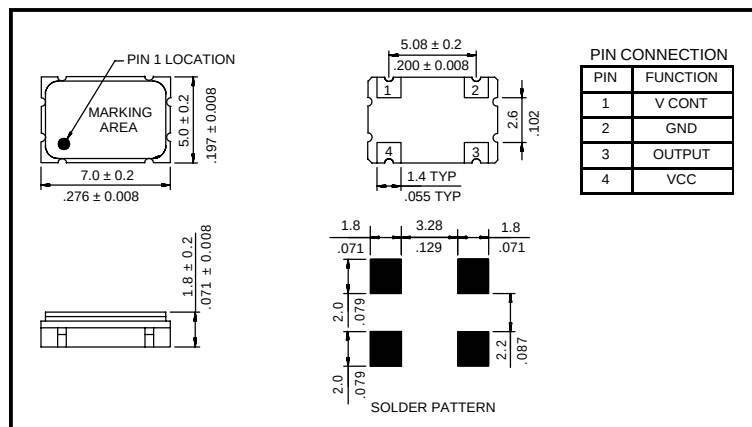
- ULTRA MINIATURE PACKAGE
- 2.0 mm MAXIMUM HEIGHT
- TAPE AND REEL

SPECIFICATIONS

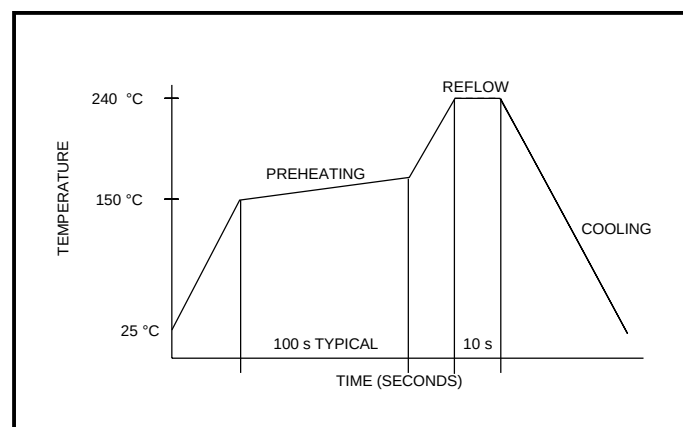
FREQUENCY RANGE	8.00 MHz TO 35.00 MHz
FREQUENCY STABILITY OVER TEMPERATURE RANGE (REFERENCED TO 25°C)	±30 PPM MIN
OPERATING TEMPERATURE RANGE	-10°C TO +60°C
STORAGE TEMPERATURE RANGE	-30°C TO +85°C
OUTPUT WAVEFORM	HCMOS
LOAD	15 pF OR LS 10 TTL
SUPPLY VOLTAGE	+5 VDC ±5%
SUPPLY CURRENT	25 mA MAX
FREQUENCY ADJUSTMENT RANGE	±50 PPM
NOMINAL CONTROL VOLTAGE (VC)	+2.5 VDC ±0.5 VDC
CONTROL VOLTAGE RANGE	+0.5 TO +4.5 VDC
OUTPUT LEVEL	VOH: 0.9 X VDD MIN VOL: 0.5V MIN
SYMMETRY	40%-60% AT ½ VDD
RISE AND FALL TIME	10 ns MAX
SOLDERING CONDITION	260 °C FOR 10 s MAX



OUTLINE DRAWING



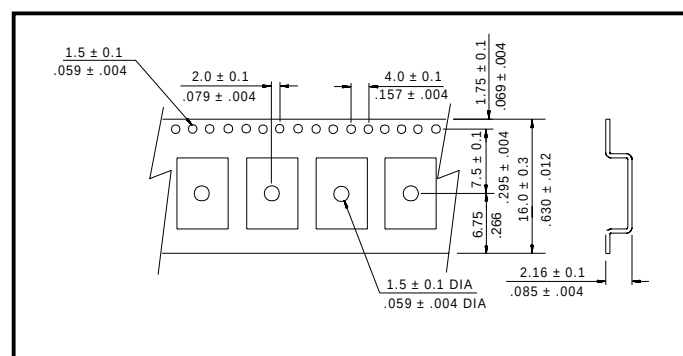
SOLDER REFLOW PROFILE



PACKAGING

254 mm REEL DIAMETER, 16mm TAPE WIDTH, 8mm PITCH
QUANTITY: 2000 or 3000 PIECES PER REEL

CARRIER TAPE DIMENSIONS



PART NUMBERING SYSTEM

SERIES	FREQUENCY	TAPE AND REEL
VC9230A	IN MHz	TR

EXAMPLE: VC9230A-27.000-TR