

FEATURES

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

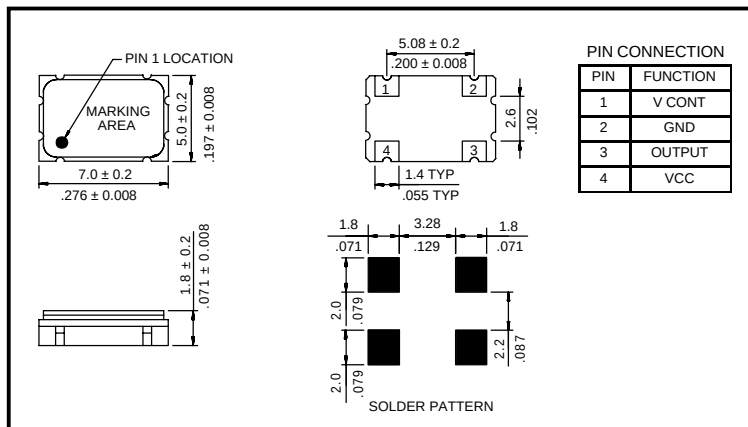
VC9000 3.3 V SERIES

SPECIFICATIONS

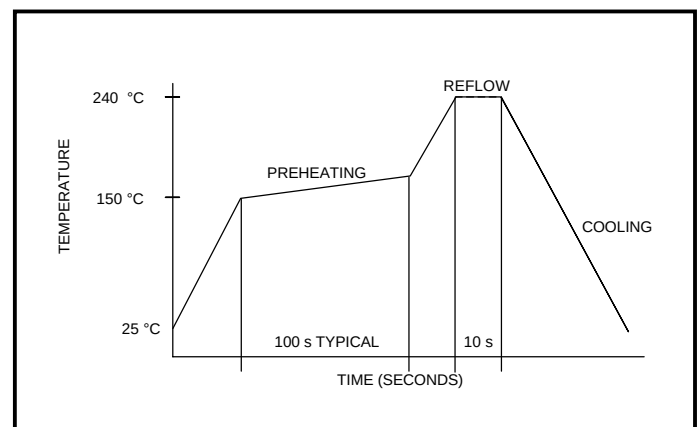
FREQUENCY RANGE	8.00 MHz TO 35.00 MHz
FREQUENCY STABILITY OVER TEMPERATURE RANGE (REFERENCED TO 25°C)	±30 PPM MIN
FREQUENCY ADJUSTMENT RANGE	±50 PPM MIN AT 1.65 ±1.65 V
FREQUENCT LINEARITY	±15%
OPERATING TEMPERATURE RANGE	-10°C TO +70°C
STORAGE TEMPERATURE RANGE	-30°C TO +85°C
OUTPUT WAVEFORM	HCMOS
LOAD	15 pF OR LS 10 TTL
SUPPLY VOLTAGE	+3.3 VDC ±5%
SUPPLY CURRENT	20 mA MAX
NOMINAL CONTROL VOLTAGE (VC)	+1.65 ±0.25 VDC
CONTROL VOLTAGE RANGE	0 TO +3.3 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
START-UP TIME	10 ms 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

PART NUMBERING SYSTEM

SERIES	FREQUENCY	TAPE AND REEL
VC9230B	IN MHz	TR

EXAMPLE: VC9230B-25.000-TR

CARRIER TAPE DIMENSIONS

