

### COM23025-44.000-WLAN FOR IEEE802.11 WIRELESS LAN APPLICATIONS

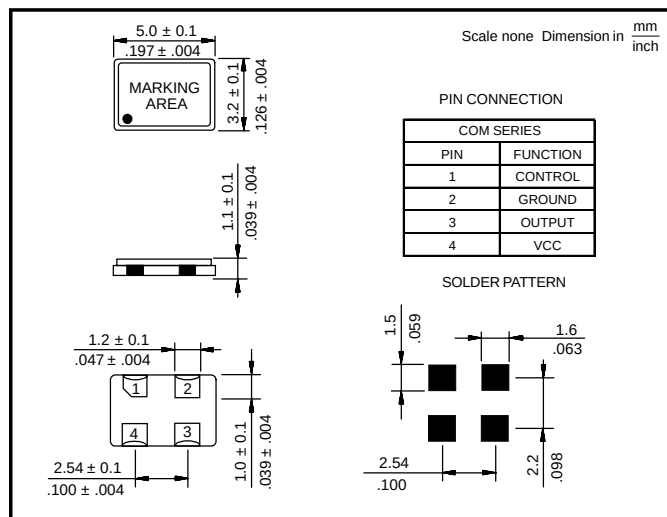
#### SPECIFICATIONS

| PARAMETER                   |                    | VALUE                                                              |
|-----------------------------|--------------------|--------------------------------------------------------------------|
| FREQUENCY                   |                    | 44.00 MHz                                                          |
| FREQUENCY STABILITY *       |                    | ±25 PPM                                                            |
| OPERATING TEMPERATURE RANGE |                    | -10°C TO +70°C                                                     |
| STORAGE TEMPERATURE RANGE   |                    | -55°C TO +125°C                                                    |
| INPUT                       | VOLTAGE (Vcc)      | +3.3 VDC ± 0.16 VDC                                                |
|                             | CURRENT (MAX)      | 25 mA MAX                                                          |
| OUTPUT                      | SYMMETRY           | 45 / 55% (AT 50% Vcc)                                              |
|                             | RISE AND FALL TIME | 10 ns                                                              |
|                             | LOGIC "0" LEVEL    | 10% Vcc                                                            |
|                             | LOGIC "1" LEVEL    | 90% Vcc                                                            |
|                             | LOAD               | 15 pF                                                              |
| ENABLE/DISABLE FUNCTION     |                    | PIN 1: HIGH OR OPEN PIN 3: OSCILLATION<br>PIN 1: LOW PIN 3: HIGH Z |
| ENABLE/DISABLE TIME         |                    | 5 ms MAX                                                           |
| START UP TIME               |                    | 5 ms MAX                                                           |
| AGING                       |                    | ±3 PPM MAX                                                         |



\* INCLUSIVE OF 25 C TOLERANCE, OPERATING TEMPERATURE RANGE, VOLTAGE OR LOAD CHANGES, AGING, SHOCK AND VIBRATION

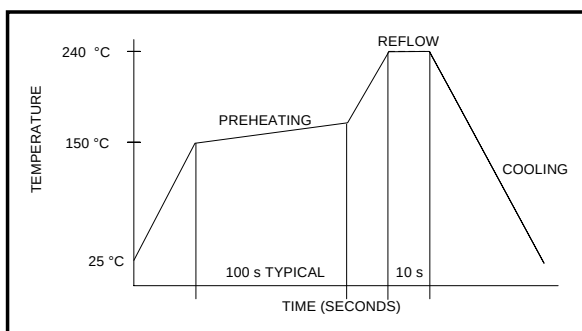
#### OUTLINE DRAWING



#### PACKAGING

178 mm REEL DIAMETER, 12mm TAPE WIDTH, 8mm PITCH  
QUANTITY: 1000 PIECES PER REEL

#### REFLOW SOLDERING PROFILE



#### CARRIER TAPE DIMENSIONS

