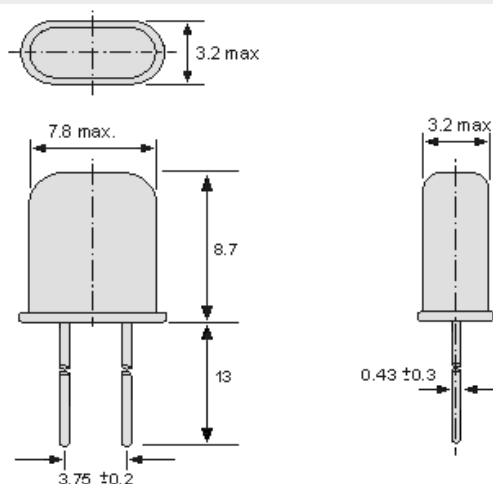




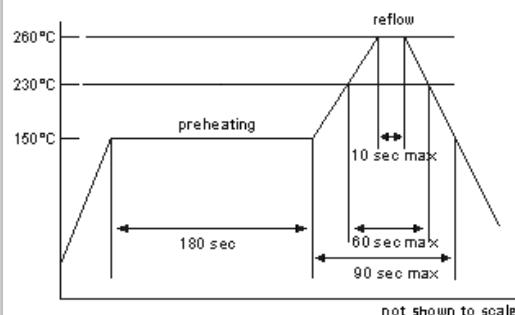
## Quartz Crystal Unit UM1

- Standard Quartz Crystal
- Available with Radial Taping Package (from 1 k)
- Available in many standard and special frequencies
- RoHS conform; Lead-free product

### External Dimensions



### Soldering Conditions



## Specifications - Product No. A016000000AFFEPN00DB

|                               |                             |
|-------------------------------|-----------------------------|
| Holder Type:                  | UM1                         |
| Frequency:                    | 16.000000 MHz               |
| Frequency Stability at 25°C:  | ±30 ppm                     |
| Temperature Stability:        | ±50ppm @ -20°C to +70°C     |
| Storage Temperature:          | -50°C to +105°C             |
| Drive Level:                  | 100µW (500µW max.)          |
| Load Capacitance (CL):        | 30 pF                       |
| Shunt Capacitance (C0):       | < 7pF                       |
| Crystal Cut & Vibration Mode: | AT- cut, fundamental        |
| Equivalent Series Resistance: | 45 Ohm max.                 |
| Leak:                         | 2 x 10-8 cc/sec max. helium |
| Aging:                        | < ±3ppm max. / year (max.)  |

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