

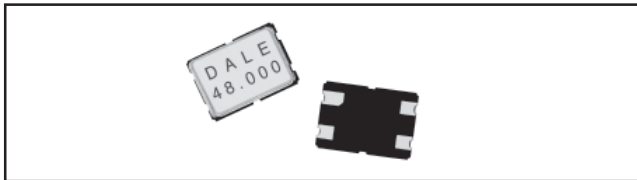
Model XT57C

Vishay Dale



Quartz Crystals

Surface Mount 9.8304MHz to 84.0MHz



FEATURES

- Miniature package.
- Economical cost.

| EQUIVALENT SERIES RESISTANCE | | |
|------------------------------|-------------------|-----------------|
| FREQUENCY RANGE (MHz) | MODE OF VIBRATION | ESR MAX. (Ohms) |
| 9.8304 - 16.0 | Fundamental | 60 |
| 16.001 - 40.0 | Fundamental | 40 |
| 40.001 - 84.0 | 3rd Overtone | 60 |

STANDARD SPECIFICATIONS

Operating Temperature Range: - 10°C to + 60°C.
 Frequency Range: 9.8304MHz to 84.0MHz.
 Frequency Tolerance: ± 30PPM @ + 25°C (typical).
 Temperature Stability: ± 30PPM (typical).
 Storage Temperature: - 40°C to + 85°C.
 Load: 12 to 32pF or series resonant.
 Drive Level: 0.1mW maximum.
 Shunt Capacitance: 7pF maximum.
 Tape and Reel: 1000 pieces.

DIMENSIONAL CONFIGURATIONS [Numbers in brackets indicate millimeters]

Recommended Solder Pad Layout

HOW TO ORDER

| | | |
|--|---------------------|-----------------------------|
| XT57C MODEL | - 20 LOAD | 25M FREQUENCY/MHz |
| Blank = Series - 20 = 20pF Standard - 32 = 32pF - 16 = 16pF | | |