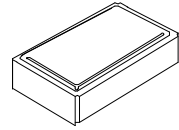




SM11T Crystal



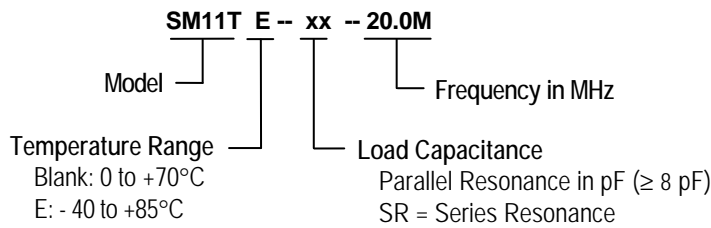
- 4 Pad 5x3.2mm Surface Mount Crystal
(Metal Cover Seam Sealed to Ceramic Base)

12.000 MHz – 32.000 MHz

Standard Specifications

| | |
|---|---|
| Calibration Frequency Tolerance at 25°C | ± 30 PPM is standard, tighter tolerances available |
| Operating Temperature Range (OTR) | 0 to +70°C is standard, but can be extended to -40 to +85°C |
| Frequency Stability (FS) over OTR | ± 50 PPM is standard, tighter tolerances available |
| Drive Level | 50 mW is standard, customer may specify |
| Aging at 25°C | ± 5 PPM maximum |

Part Numbering Guide



ESR Values

| Oscillation Mode | Frequency Range (MHz) | Maximum ESR (Ohms) |
|------------------|-----------------------|--------------------|
| Fundamental | 12.000 – 19.999 | 80 |
| AT Cut | 20.000 – 32.000 | 50 |

Consult factory for lower ESR

Consult factory for available frequencies and specs.
Not all options available for all frequencies. A special part number may be assigned.

Mechanical: inches (mm) not to scale Solder Pads

Due to part size and factory abilities, part marking may vary from lot to lot and may contain our part number or an internal code.

