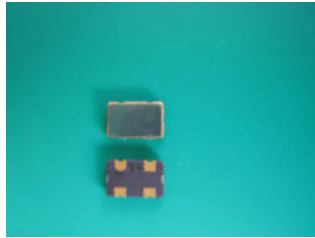


Crystal Oscillators----SMD 5.0*3.2 SERIES



Feature

- 1.8V 2.5V 2.8V available

Specification

| • ELECTRICAL CHARACTERISTICS | | |
|--|------------------------------|------------|
| PARAMETERS | MAX (unless otherwise noted) | |
| Frequency Range (FO) | 1.800 - 50.000 MHz | |
| Frequency Stability | ±100ppm | |
| Operating Temperature | -10°C +70°C | |
| Supply Voltage (V _{DD}) | 3.3V ± 10% | 5.0V ± 10% |
| Input Current | 20mA | 45mA |
| Symmetry (50% V _{DD}) | 40/60% | |
| Rise Time (10% - 90% V _{DD}) (TR) | 7nS | |
| Fall Time (90% -- 10% V _{DD}) (Tr) | 7nS | |
| Output Voltage "0"Level(max) | 10% V _{DD} | |
| "1"Level(min) | 90% V _{DD} | |
| Output Current "0"Level(min) | 2mA Min | 16mA Min |
| "1"Level(min)} | 2mA Min | 16mA Min |
| Output Load (HCMOS) | 15pF | |
| Standby Current | 10μA | ----- |
| Start-up time (Ts) | 10mS | |
| E/D Function #1 Open | #3 Active | |
| #1 ≥0.7V _{DD} | #3 Active | |
| #1 ≤0.3V _{DD} | #3 High Z | |

Pad Connections

| PIN No | FUNCTION | PIN No | FUNCTION |
|--------|-----------------|--------|-----------------|
| 1 | E/D | 3 | OUTPUT |
| 2 | V _{SS} | 4 | V _{DD} |

Dimension(Unit:mm)

