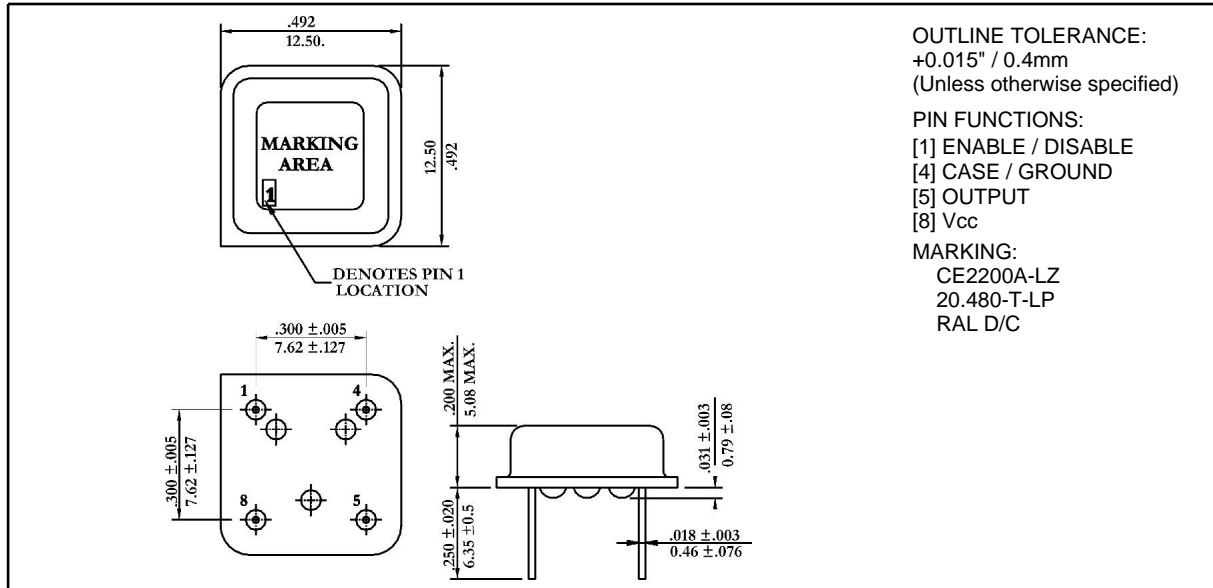


CE2200A-LZ-20.480-T-LP

APPROVALS

| | |
|---------------------------------|-----------------------|
| RALTRON | |
| Eng. approval, date: | Name (please print): |
| Sales approval, date: | Title (please print): |
| Created by, date: PartGenerator | Signature, date: |
| Revision: | |

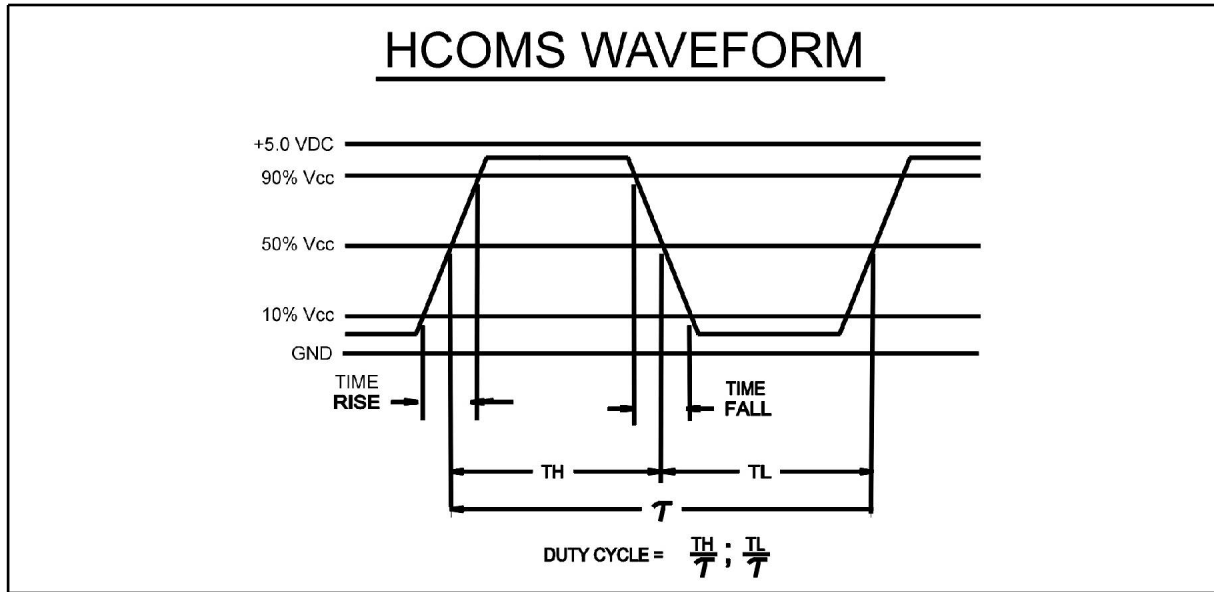
MECHANICAL SPECIFICATION



ELECTRICAL SPECIFICATION

| PARAMETER | SYMBOL | CONDITIONS | VALUE | UNIT |
|-------------------------------|-----------|---|-------------|------|
| Frequency, nom | fo | - | 20.480 | MHz |
| Supply Voltage, max. | Vcc | Vcc ±5% | +5.0 | V |
| Supply Current, max. | Is | Vcc=±5%, Ta=+25°C, 15 pF load | 35.0 | mA |
| HCMOS output levels | VOH / VOL | Vcc=+5.0VDC, load=15 pF | 4.5/0.5 | V |
| Duty Cycle | DC | load=15pF / @ 50%Vcc, Ta=+25°C | 45...55 | % |
| Rise- / fall time, max. | tr / tf | 20%~80% Vout, 80%~20% Vout | 10.00 | ns |
| Overall freq. stability, max. | Δf/fc | Including temp., ±5% load & supply variations, calibration @+25°C and 10 year aging | 100.0 | ppm |
| Operating temperature range | Ta | - | 0...70 | °C |
| Storage temperature range | T(stg) | - | -55...125 | °C |
| Absolute voltage Range | Vcc (abs) | Non-destructive, DC | -0.5...+7.0 | V |

■ TIMING DIAGRAM



■ ELECTRICAL TEST DIAGRAM

