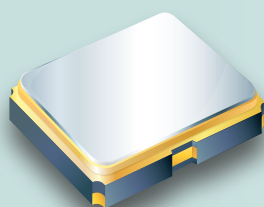


# SMD Crystal Oscillators- CMOS Output 2.5 x 2.0 x 0.8 mm 8W Series



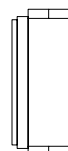
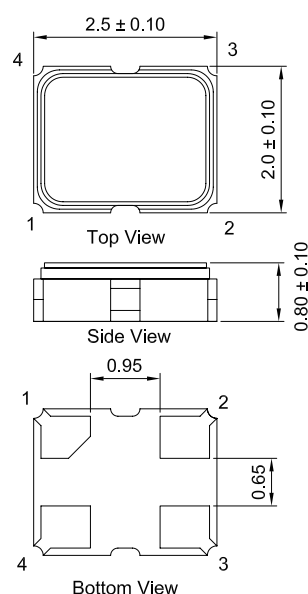
## Features

- Ultra Small SMD seam sealed clock crystal oscillator units.
- For applications in WLAN, Bluetooth, DSC, DSL and other IT product.
- Tri-state function available.
- RoHS Compliant / Pb Free.

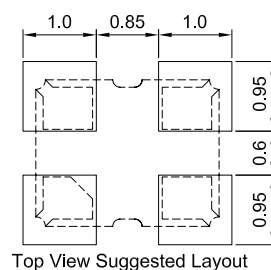
## Electrical Specifications

| Item / Type                         | 8W                                |
|-------------------------------------|-----------------------------------|
| Output Type                         | CMOS                              |
| Output Load                         | 15 pF , or specify                |
| Oscillation Mode                    | Fundamental                       |
| Supply Voltage                      | 3.3 V ( 1.8 V , 2.5 V available ) |
| Frequency Range                     | 4 ~ 75 MHz                        |
| Frequency Stability                 | ± 25 ppm , ± 50 ppm               |
| Operating Temperature Range         | - 20 ~ + 70 °C , - 40 ~ + 85 °C   |
| Storage Temperature Range           | - 55 ~ + 125 °C                   |
| Voltage Vol ( Max. ) / Voh ( Min. ) | 0.1 VDD / 0.9 VDD                 |
| Rise ( Tr ) / Fall ( Tf ) Time      | 5 ns Max.                         |
| Supply Current                      | 10 mA Max.                        |
| Symmetry                            | 45 ~ 55 %                         |
| Start-up Time                       | 5 ms Max.                         |
| Phase Jitter ( 12 KHz ~ 20 MHz )    | 1 ps Max.                         |
| Aging ( at 25 °C )                  | ± 3 ppm / year Max.               |

## Dimensions



PAD FUNCTION:  
1: ENABLE CONTROL  
2: GND  
3: OUT  
4: VDD



Units: mm