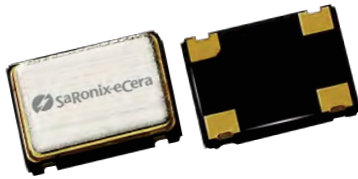


## 2.5V CMOS Low Jitter XO

**FDQ**



5.0 x 3.2mm Ceramic SMD

### Product Features

- AEC-Q200 Qualified
- 1 to 156.25 MHz Frequency Range
- <1 ps RMS jitter
- 2.5V CMOS/TTL compatible logic levels
- Pin-compatible with standard 5.0 x 3.2mm packages
- Designed for standard reflow and washing techniques
- Low power standby mode
- Pb-free and RoHS/Green compliant

### Product Description

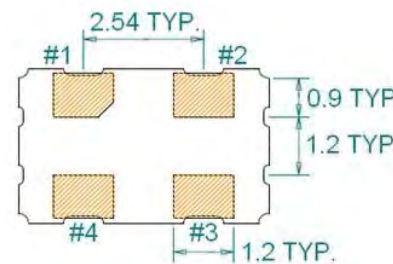
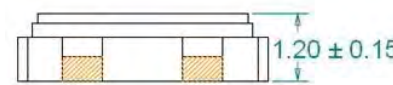
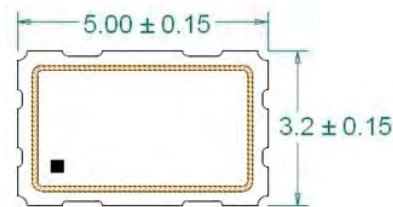
The FDQ Series 2.5V crystal clock oscillator achieves superb jitter and stability over a broad range of operating conditions and frequencies. The output clock signal, generated internally with a non-PLL oscillator design, is compatible with LVCMOS/LVTTL logic levels. The device, available on tape and reel, is contained in a 5.0 x 3.2mm surface-mount ceramic package.

### Applications

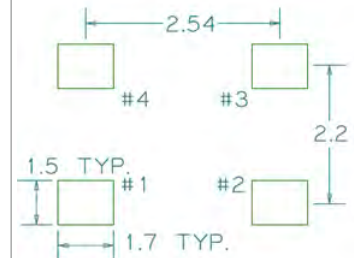
The FDQ series is an ideal reference clock for Automotive applications requiring low jitter and low power, including:

- Infotainment systems
- Head units

Package: (Scale: none; dimensions are in mm)



Recommended Land Pattern:

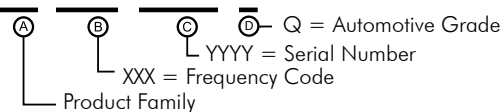


### Pin Functions:

Pin	Function
1	OE Function
2	Ground
3	Clock Output
4	V <sub>DD</sub>

### Part Ordering Information:

**FD XXX YYYY Q**



Following the above format, Saronix-eCera part numbers will be assigned upon confirmation of exact customer requirements.

