

## 2.5V CMOS Low-Jitter 62.5 MHz SAS-2 XO

**FDSAS2062**


5.0 x 3.2mm Ceramic SMD

**ASSP XO™ for Storage**

**Product Features**

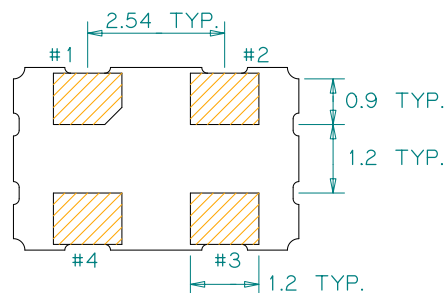
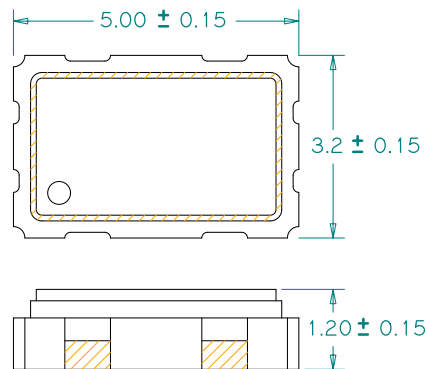
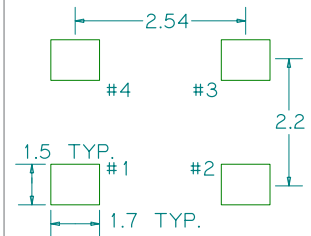
- Very low phase jitter - 0.5ps RMS
- Thicker crystal for improved reliability
- Low output current - 15mA max.
- Low power stand by mode
- Industrial Temperature Range
- Pb-free & RoHS compliant

**Product Description**

This is an enhanced high-frequency 2.5V, 62.5MHz crystal clock oscillator with superb jitter and low operating current for Serial Attached SCSI (SAS-1 & SAS-2) applications. The output clock signal, generated internally with a patented oscillator design, is compatible with LVCMOS logic levels.

**Applications**

- SAS-2 Hard Disk Drive

**Package:**

**Recommended Land Pattern:**

**Pin Functions:**

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

\*Extended high frequency power decoupling is recommended (see test circuit for minimum recommendation). To ensure optimal performance, do not route RF traces beneath the package.

**Part Ordering Information:**
**FDSAS2062**