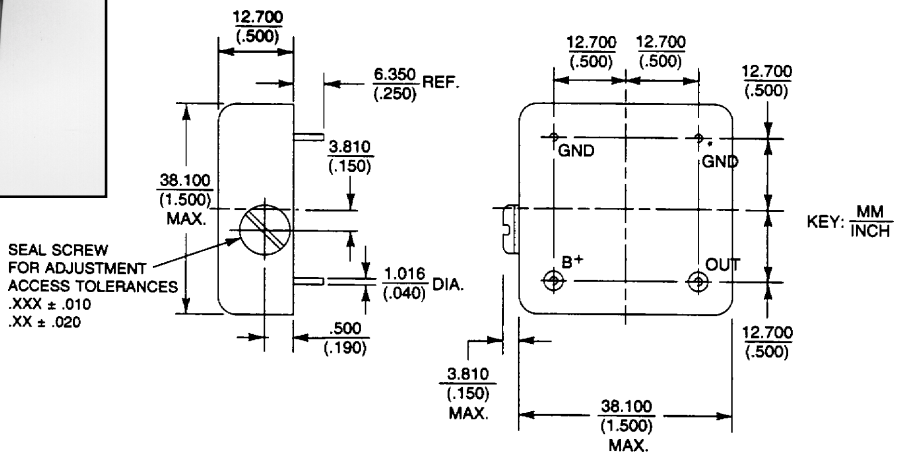
## Rugged, Low Profile TCXO/TCVCXOs
## CTS R Model 512




## Specifications:

| Model | Frequency Range | Supply Voltage Options(VDC) | Stability With Temperature | Max. VCXO Deviation Options | Aging 1st yr. | Output Options |
|---|---|---|---|---|---|---|
| 512EC | 3 to 30 MHz | 12 | ±2 ppm, -40° to +85°C | None | 1 ppm | Sine |
| 512CB | 3 to 30 MHz | 12 | ±1 ppm, -20° to +75°C | None | 1 ppm | TTL, |
| 512BA | 3 to 50 MHz | 12 | ±0.5 ppm, 0° to +70°C | None | 1 ppm | HCMOS |
| 512VBE | 8 to 30 MHz | 9 | ±10 ppm, 0° to +70°C | ±100 ppm,±5V Input | 1 ppm | TTL |
| 512VBE | 30 to 50 MHz | 12 | ±5 ppm, 0° to +70°C | ±15 ppm,±3V Input | 1 ppm | Sine |
| 512VBC | 8 to 35 MHz | 12-20 | ±2 ppm, 0° to +70°C | ±40 ppm, ±3V Input | 1 ppm | Sine,TTL |

## Ordering Information:

**Model Type 512V** ____ ____ ____ ____ ____ ____

*Voltage Control* | *Temperature* | *Stability* | *Frequency in MHz*

***Temperature - Stability Options***

| | | A | B | C | D | E |
|---|---|---|---|---|---|---|
| Temp. Range | T / S | ±0.5 | ±1.0 | ±2.0 | ±2.5 | ±5.0 |
| A | 0° to 50° | X | X | X | X | X |
| B | 0° to 70° | | X | X | X | X |
| C | -20° to 70° | | X | X | X | X |
| D | -30° to 75° | | | X | X | X |
| E | -40 to 85° | | | X | X | X |

| *Frequency Tolerance** |
|---|
| 3 = ±0.005% (±50 ppm) |
| 5 = ±0.0025% (±25 ppm) |
| 0°C to 70°C only |

Temperatures in °C.
Stability in ppm



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