SX7STR CLIPPED SINE WAVE SURFACE MOUNT TCXO

FEATURES

- Miniature package
- Stratum III compliant over -40° to +85°C up to 26 MHz
- Two package versions available
- Applications: Stratum 3, Base Stations

7.0 x 5.0 x 2.0 mm

Item	Specification
Frequency Range	5.0 MHz to 26.0 MHz
Standard Frequency	8.192 ; 10.0 ; 12.8 ; 16.384 ; 19.2 ; 19.44 ; 20.0 ; 25.0 ; 26.0 MHz
Output Logic	Clipped Sine Wave
Supply Voltage Vdd (see options)	+3.3 V ±5% +5.0 V ±5%
Supply Current Idd	3.5 mA max.
Overall Frequency Stability *	±4.6 ppm max. over 20 years
Frequency Stability vs Temperature	±0.28 ppm max.
Frequency Stability vs Aging	±3.0 ppm max. over 15 years
Frequency Stability vs Voltage Change	±0.01 ppm max., for a ±5% input voltage change
Frequency Holdover Stability **	±0.37 ppm max.
Output Level	≥0.8 V p-p
Output Load	10 kΩ // 10 pF
Start-up Time	2 ms max.
Tri-state function (Only possible for A-version package)	pin #8 = high or open pin#5 ==> oscillation pin #8 = low pin#5 ==> high impedance
Packing Unit	1000 pcs / reel
Soldering Condition	260°C, 10 sec x2 max

(*) Includes initial tolerance @+25°C, stability over operating temperature, stability vs. load change, stability vs. supply change, 20 years aging
(**) Includes 24-hours aging, stability vs supply change and stability over operating temperature

OPTIONS & ORDERING INFORMATION

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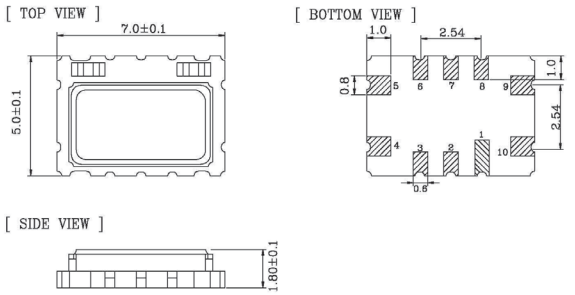
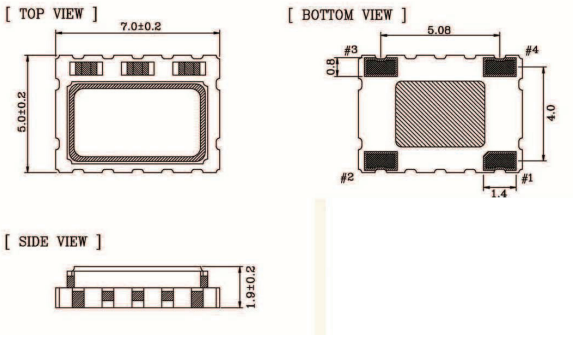
Supply Voltage	Operating Temp.	Overall Stability	Tri-state Function	Package type	Frequency in MHz
33 = +3.3V	**F =** -20° / +70°C	**4.6T =** ±4.6 ppm	**E8 =** Tri-state, pin #8	**A =** A - version	Please specify the
50 = +5.0V	**K =** -40° / +85°C		**F =** no Tri-state	**B =** B - version	frequency in MHz

OUTLINE DIMENSIONS



A-Version

Pin Connections					
	#1 : NC	**#2** : NC	**#3** : NC	**#4** : GND	**#5** : Output
	#6 : NC	**#7** : NC	**#8** : E/D	**#9** : Vdd	**#10** : GND



B-Version

Pin Connections				
	#1 : GND	**#2** : GND	**#3** : Output	**#4** : Vdd