

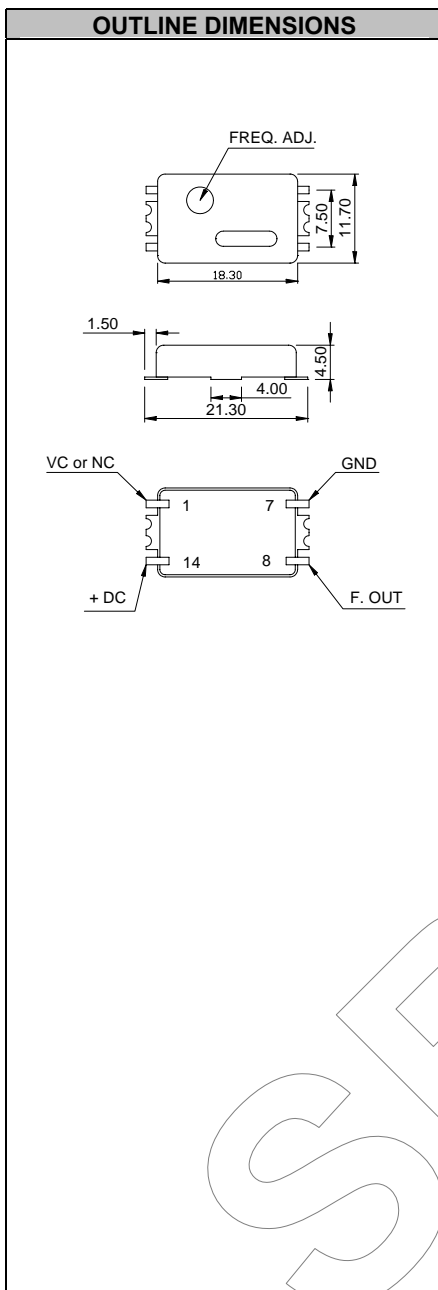
TCXO SBTO - 11

SINE WAVE
SMD PACKAGE

APPLICATIONS

- ▶ Stable frequency
- ▶ Measurement system
- ▶ Communication system
- ▶ High reliability and precision

PICTURE
AREA



ELECTRICAL SPECIFICATIONS			
Frequency range	9.600MHz to 50.000MHz		
Frequency stability	±1.5ppm	±2.5ppm	±5.0ppm
	Inclusive of operating temperature		
Operating temperature range	0 °C ~ 70 °C		
Storage temperature range	-50 °C ~ 105 °C		
Input voltage	+5.0Vdc ±0.5V		
Input current	15mA max.		
Output wave form	1Vp-p min. (AC clipped sine wave)		
Input voltage stability	±0.3ppm max. (at +5.0Vdc ±0.5V)		
Frequency adjustment	±3.0ppm max. (by internal trimmer)		
Load	10KΩ // 10pF		
Aging (at 25 °C)	±1.0ppm max. / year		
AFC characteristic (option)	±5.0ppm max. (at +2.5Vdc ±2.0V)		

ENVIRONMENTAL & MECHANICAL SPECIFICATIONS	
Shock	MIL-STD-883C, Method 2002, Condition B
Vibration	MIL-STD-883C, Method 2007, Condition A
Solderability	MIL-STD-883C, Method 2003
Seal integrity	MIL-STD-883C, Method 1014, Condition C & A2
Marking	MIL-STD-202F, Method 215

