

### Surface Mount TCXO

Series CTQS

- Dedicated Fixed Frequency
- Clipped Sine
- Ultra Low Stability

Instrument Part Number: **CTQS - 3 - AS - 10.0**

**CTQ**  
SERIES  
CTQ

**S**  
OUTPUT  
S = Sine

**3**  
PACKAGE  
3 = 3.2x2.5mm

**AS**  
OPERATING TEMP  
A1 = -30°C ~ +85°C

**U**  
VOLTAGE  
U = 2.8V

**10.0**  
FREQUENCY  
10.0 ~ 27.0 MHz\*

\*Standard Frequency Options: 10.0, 12.0, 12.8, 13.0, 14.318, 14.7456, 15.0, 16.0, 16.384, 19.2, 19.44, 20.0, 24.0, 24.567, 25.0, 26.0, 27.0

### Specifications:

Description	Min	Typ	Max	Unit
Frequency Range:	10.000		27.000	MHz
Available Stability Options:	-2.0	-	2.0	PPM
Output Format	Clipped Sine			
Output Peak to Peak:	0.8	-	-	V
Output Load:	10 kΩ parallel with 10 pf			
Input Voltage:	2.66	2.8	2.94	V
Input Current	-	-	2.0	mA
Startup Time:	-	-	10	Ns
Aging: ( $T_A=25^\circ\text{C}$ )	-	-	1	PPM/Year
Phase Noise: (@10KHz)	-	-130	-	dBc/Hz
Operating Temperature Range:	-30	-	+85	°C
Storage Temperature Range:	-40	-	+85	°C

