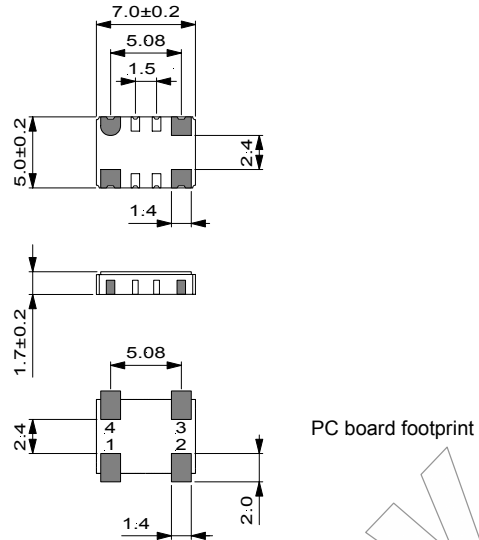


## ULTRA MINIATURE SURFACE MOUNT TCXO

### DFA S11-OV / UOV

- IDEAL FOR VOLUME APPLICATIONS
- EXTERNAL VOLTAGE CONTROL
- LOW PROFILE
- STANDARD CERAMIC PACKAGE

Function	DFA S11
V control	1
GND	2
Output	3
Vcc	4



TYPE	DFA S11-OV	DFA S11-UOV
Frequency Range	10 to 30 MHz	10 to 30 MHz

ELECTRICAL SPECIFICATIONS	DFA S11-OV	DFA S11-UOV
supply voltage	5 V ± 5 %	3.0 V ± 5 %
supply current ( no load)	≤ 2 mA	≤ 2 mA
output load	clipped sine wave 10 kΩ//10 pF	clipped sine wave 10 kΩ//10 pF
high/low levels or output amplitude	≥ 1.0 V p-p	≥ 0.7 V p-p
harmonics	≤ -3 dBc	≤ -3 dBc
start-up	≤ 4 ms @ 4.75 V	≤ 4 ms @ 2.85 V

FREQUENCY STABILITY			detailed tolerances [ ppm ]				
type	temperature range	model code	stability versus :				calibration @ 25°C
			temperature	Vcc ± 5 %	load ± 5 %	ageing	
all types	0 to 70°C	B1.5	≤ ± 1.5	≤ ± 0.3	≤ ± 0.2	≤ ± 1	≤ ± 2.5
	-25 to 75°C	P2	≤ ± 2.0				
	-30 to 85°C	T2.5	≤ ± 2.5				
remark			ageing is 1 <sup>st</sup> year at 25°C				
voltage control (positive slope )			≥ ± 3 ppm, ≤ ± 7 ppm 2.5 V ± 2 V		≥ ± 3 ppm, ≤ ± 7 ppm 1.5 V ± 1.0V		

ORDERING CODE	type + option code + frequency + model code
Example	DFA S11-UOV 12.8 MHz T2.5

**REMARK** Preliminary data sheet is subject to change without notice