

## Double Oven Controlled Crystal Oscillator TOC-3627 series



### Features

- 36\*27 mm package series
- Hold over below 7us/15us over 24 hours
- High stability and low aging
- Standard frequencies: 10, 12.8, 20, 26 and 40MHz
- Applications: IEEE 1588 ; G.8263 , G.8273 ; Stratum 3E timing modules ; Stratum 2 stability ;
- Time and frequency references ; 5G Wireless Base Stations

Electrical Specifications	TOC-3627
Item / Type	
Frequency	10MHz、100MHz
Initial Accuracy	±0.1ppm
Frequency stability over Operating Temperature	±0.2ppb, ±0.5ppb
Operating Temperature Range	-30°C to +70°C
Supply voltage stability	±0.2ppb
Short term 1s to 10s integration time	0.005ppb
Supply voltage (Vcc)	Standard options 3.3V ,5V ,12V
Aging	±20ppb, ±50ppb max / year
Storage Temperature Range	-40°C to +85°C

Equivalent Series Resistance(ESR)	Reference Std
Parameter	
Vibration(non-operating)	MIL-STD-202, Method 201
Shock(non-operating)	MIL-STD-202, Method 213 Test Condition J

### Dimensions

(VIEW FROM TOP)

MARKING THIS SURFACE

PIN CONNECTIONS	
PIN	FUNCTION
1 (See Note 1)	VCO INPUT or NOT CONNECTED
2 (See Note 1)	REFERENCE VOLTAGE or OVEN MONITOR or NOT CONNECTED
3	+VDC
4	R. F. OUTPUT
5	0 VOLTS & CASE

Note 1. If the specification does not specify parameters for either PIN1 or PIN2 then that respective PIN is NOT internally CONNECTED.

(VIEW FROM BOTTOM)

NUMBERS FOR REFERENCE ONLY (NOT STAMPED ON UNIT)

GLASS STANDOFF (4 PLACES)

0.237 MAX. 13.72

0.029 MIN. 0.56

0.025 MIN. 0.58

0.031 DIA. PIN (5 PLACES) 0.79