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Double Oven Controlled Crystal Oscillator TOC-1409 series



Features

- Dimension 14*9mm typical
- 6-pin SMD Package
- Frequency Range ,10MHz to 40MHz
- ±30ppb stability over -40 to 85°C
- Stratum 3 (Overall ±4.6ppm including 20 years aging)
- Applications : SDH/SONET , Telecommunication base station ;
- Tests and measurement equipment;Synthesizer , Digital switch , Reference Timing Circuit
- Packet Timing Protocol(eg. 1588)

Electrical Specifications	
Item / Type	TOC-1409
Frequency	10- 40MHz
Frequency stability over Operating Temperature	±10ppb
Operating Temperature Range	-40°C to +85°C
Supply voltage (Vcc)	Standard options 3.3V ,5V
Supply voltage stability	±5ppb
Phase Noise	-160dBc/Hz @ 1kHz
Aging	±0.2ppm max / year
Storage Temperature Range	-40°C to +85°C

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

Dimensions

PIN	CONNECTIONS	FUNCTION
1	VCO INPUT	
2	NOT CONNECTED	
3	R/FENABLE	
4	NOT CONNECTED	
5	0 VOLTS AND CASE	
6	R.F. OUTPUT	
5	NOT CONNECTED	
6	+VDC	

Notes:
 1.If the specification does not specify parameters for PIN 1, PIN 2 then that respective PIN is not internally CONNECTED.
 INCH (REFERENCE ONLY)
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