

Features and Benefits

Frequency range: 10MHz

Supply voltage: 3.3V

Steady state: 1.3W Max

Output waveform: LVTTTL

Frequency stability vs. operating temperature: $\pm 3\text{ppb}$, $\pm 5\text{ppb}$, $\pm 10\text{ppb}$

Aging: ± 50 ppb per year

Phase noise@10KHz: -156dBc/Hz

Operating temperature: -40°C to +85°C

Size:25.4x25.4x12.7mm

Typical Applications

Small Cell, Portable Telecommunication Device

Test and Instrumentation

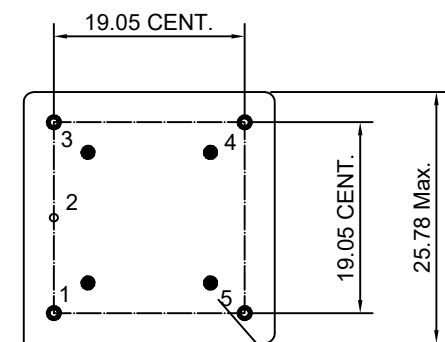
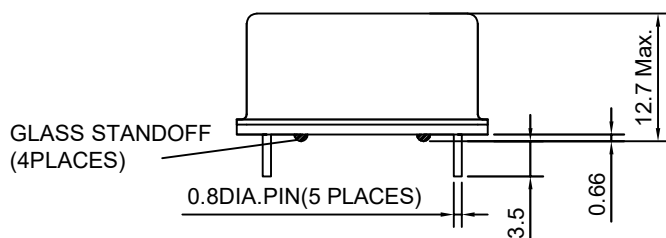
Synthesizer, Digital switch, Reference Timing Circuit

Description

OCXO2525BM-FD-10MHz_LVTTL is designed for applications where exceptional frequency stability and timing is required. It has both excellent temperature performance and short-term stability. These characteristics make it an excellent choice for timing applications.

Mechanical Drawing & Pin Connections

Drawing No: MD160042-2



VIEW FROM BOTTOM

NUMBERS FOR REFERENCE
ONLY
(NOT STAMPED ON UNIT)

PIN Function

Pin	Function
1	R.F. OUTPUT
2	GND
3	Control Votage
4	Reference Voltage or N.C.
5	Supply Voltage

Unit in mm

1mm = 0.039 inches



OCXO2525BM-FD-10MHz_LVTTL

Ordering Information

04	Reference Voltage
Code	Specification
1	N/A
2	2.8 V