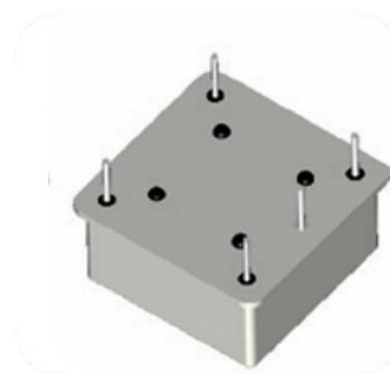


VMOC80M-2525-S-5-I-PC

FEATURES

- ◆ Low Phase Noise
- ◆ Small Hermetically Sealed Package
- ◆ Tight Frequency Stability
- ◆ Low Power Consumption
- ◆ Fast Warm-up Time
- ◆ Electrical Frequency Tuning Input



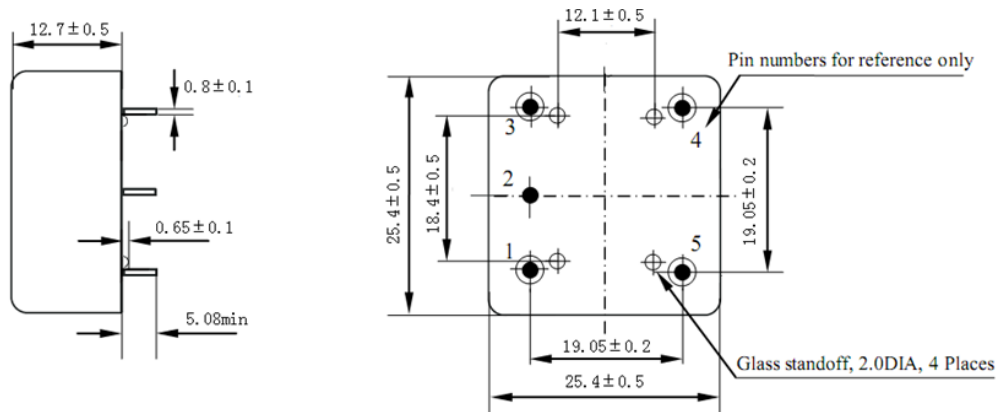
TYPICAL APPLICATIONS

- ◆ Telecom Systems
- ◆ Microwave Communication
- ◆ Clock Reference for Microwave Signal Source
- ◆ Test & Measurement

SPECIFICATIONS

Parameter	Min	Typ.	Max	Unit	Condition
Frequency		80.000		MHz	
Initial Frequency Accuracy	-0.5		+0.5	ppm	after 15mins power on ref to nominal frequency@25°C
Load Variation	-5.0		+5.0	ppb	50Ω±5%, @25°C
Temperature Stability	-0.1		+0.1	ppm	-40°C~85°C ref to25°C
Warm-up time			5	min	
Voltage Supply	4.75	5.0	5.25	Vdc	
Operating Current			1000	mA	during warm up
			350	mA	steady state, @25°C
Output wave	sine				
Spurious			-95	dBc	< Offset from 10MHz
			-70	dBc	> Offset from 10MHz
Phase noise			-90	dBc/Hz	@10Hz
			-120		@100Hz
			-150		@1KHz
			-160		@10KHz
			-160		@100KHz

OUTLINE DRAWING



Pin Number	Functions
1	Output
2	GND
3	Voltage Tuning
4	NC(or Ref voltage output)
5	Voltage Supply