



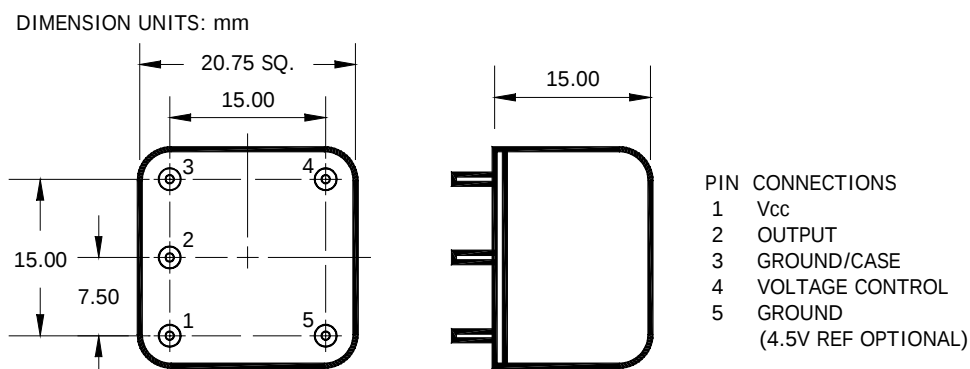
OCXO I402 Series

Square 20 mm Sine Wave / HCMOS

STANDARD SPECIFICATIONS

Frequency	To 100.000 MHz	
Cut	SC	
Output	Sine Wave	HCMOS
Level	0 dBm Minimum	'0' < 0.4 Vdc , '1' > 0.9Vcc
Duty Cycles	NA	50%±5%
Rise/Fall Time	NA	<5 ns
Harmonics / Spurious	-25 dBc /-60 dBc	NA
Stability		
Temperature	To ±0.020 ppm *	
Supply Voltage ±5%	To ±0.002 ppm	
Load ± 10%	To ±0.002 ppm	
Aging 1 st year	To ±0.100 ppm	
Warm up	To within 0.1 ppm in 5 minutes	
Phase noise	Offset @	Phase Noise
	10 Hz	-110 dBc/Hz
	100 Hz	-135 dBc/Hz
	1,000 Hz	-155 dBc/Hz
Voltage control :	0.5 Vdc to 4.5 Vdc	
Voltage Control Range (Pin 4)	±0.5 ppm typical	
Slope	Positive or Negative	
Power Supplies		
Supply Voltage	5 Vdc ±5%	
Supply current max. during warm up	400 mA	
Supply current typ. @25°C SS	<220 mA	
Temperature		
Operating	-40°C to +70°C *	
Storage	-40°C to +125°C	

- Stability is related to operating temperature



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Specifications subject to change without notice