

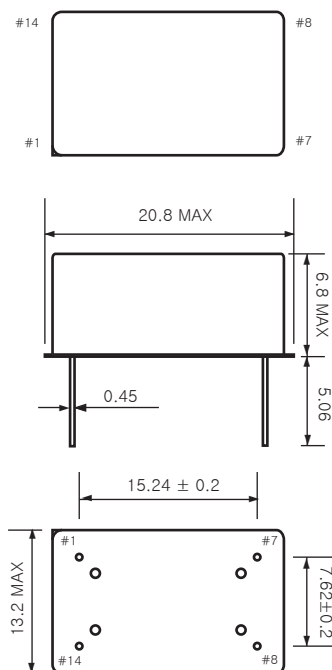
HERMETIC THRU-HOLE TYPE VCTCXO

HCMOS / TTL OUTPUT

Electrical Specification

Model	OCN5.0	OCN3.3
Supply Voltage (Vcc)	5Vdc $\pm 5\%$ (Std.)	3.3Vdc $\pm 5\%$ (Std.)
Frequency Range	1.0 to 200MHz (Fund : up to 40MHz)	1.0 to 160MHz (Fund : up to 40MHz)
Frequency Tolerance (ppm Max)	$\pm 1.0 / \pm 1.5 / \pm 2.0 / \pm 2.5 @ 25^{\circ}\text{C}$	
Frequency Stability	See table 1 (VCTCXO part number guide)	
Operating Temperature	See table 2 (VCTCXO part number guide)	
Storage Temperature	-40 to 85°C	
Supply Current	20mA Max @ 20MHz	
Symmetry	60/40%, 55/45%	
Rise and Fall time	5ns Max(Std.)	
Load	15pF/10TTL(Std.)	
Pull Range	See table 3 (VCTCXO part number guide)	
Control Voltage	2.5Vdc $\pm 2.0\text{V}$ (Std.)	1.65Vdc $\pm 1.35\text{V}$ (Std.)
Aging	$\pm 1.0\text{ppm Max/Year(Std.)}$	

Dimensions



Pin Connection	
#1	Vc
#7	Ground
#8	Output
#14	Vcc