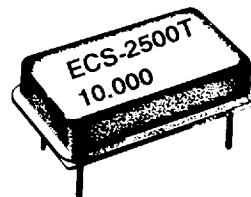


ECS 2500 T VCXO OSCILLATOR

TTL

Features

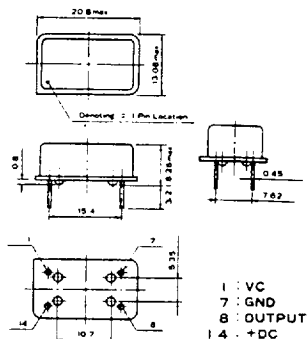
- TTL logic
- 14-pin DIP compatible
- Hermetically sealed metal case and high reliability
- Lower power consumption
- Case ground 14-pin for minimizing RF radiation



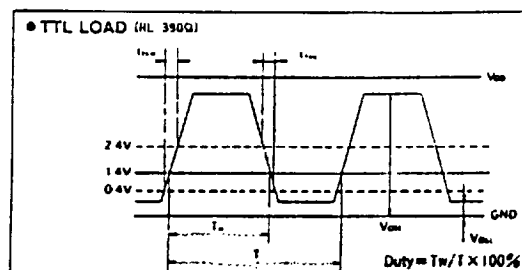
Model		ECS 2500 T	Condition
Frequency range		1.5 to 25 MHz	
Operating temperature range		0 to 70 ° C	
Storage temperature range		-55 to 85 ° C	
Input voltage		5.0V DC $\pm$ 5%	
Input current		30 mA max.	$C_L = 15\text{pF}$
Frequency stability*		0.05% ($\pm$ 50ppm)	Vcontrol = 2.5 2.5 V
Frequency deviation vs control voltage		0.015% ($\pm$ 150ppm) min.	at 25 ° C
Nominal control voltage		2.5V DC	Vcontrol
Control voltage range		0 to 5.0V DC	
Output	Symmetry	40 to 60% (at 1.4V)	$C_L = 15\text{pF}$
	Fanout	1 to 10 gates, 1.6 mA/gate	
Remarks		TTL logic output	

* Inclusive of calibration tolerance at 25° C, operating temperature input voltage load charge, aging shock and vibration with control voltage held 2.5V DC constant.

Outline drawing



Output waveform



ECS .INC.
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