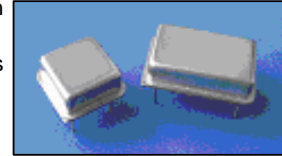


ACT7A01 - VCXO (HCMOS/TTL)

Compatible with Eu Directive
2002/EC - RoHS

The ACT7A01 family is a range of cost competitive VCXOs housed in both 14 pin DIL & 8 pin DIL through hole packages. They offer good reliability at a low cost across a wide range of frequencies. Applications include Communications, Instrumentation & Consumer applications and many more. In addition to standard specifications it is also possible to supply some "custom" specifications (Please enquire)

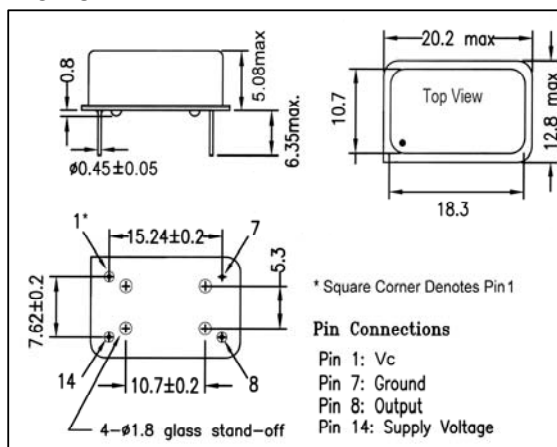


Specification

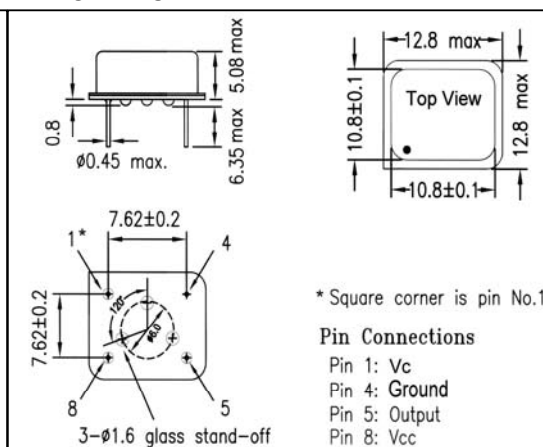
Parameter	Symbol	Specification	Condition
Frequency Range	fo	1.00 ~ 32.0 MHz	Please specify
Temp Operating Range	Topr	-0° ~ +70°C	
Storage Temp Range	Tstg	-55 ~ 85°C	
Frequency Stability		±25ppm	
vs Vcc change ±10%		±3ppm	
vs Load change ±10%		±3ppm	
Aging	Fa	±5ppm max	Per year
Supply Voltage	Vdd	3.3Vdc ±5% or 5.0Vdc±5%	Please specify
Supply Current	Idd	20mA max	
Duty Cycle	Tw/t	40/60%	
Rise & Fall Time	Tr/Tf	5nS Typical	Frequency dependent
Start up time		5ms typical, 10ms max	
Frequency Adjustment	Δfc	±3ppm min	
Output waveform		HCMOS / TTL	
Output Load (max)	N/CL	5 TTL, 10 LSTTL ,15pf	
Pulling capability		±50 ppm min ~ ±150ppm	
Slope polarity		Positive or negative	Please specify
Voltage Control	Vc	1.65Vdc ± 1.5V 2.5Vdc ± 2.0V	3.3Vdc ±5% 5.0Vdc±5%
Linearity		10% max	
Input resistance		50KΩ min	

Dimensions

PACK ONE



PACK TWO



Please note that all parameters can not necessarily be specified in the same devi

In line with our ongoing policy of product evolution and improvement, the above specification may be subject to change without notice

ISO9001:2000 Registered

For quotations or further information please contact us at:

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Issue: 2 C1z

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