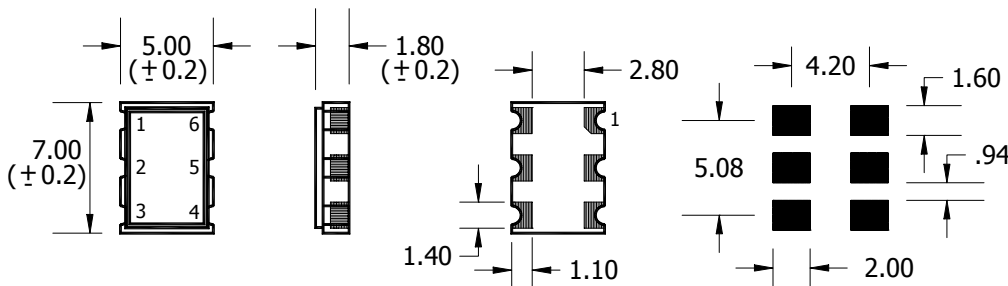


Frequency	1.000 MHz ~ 170.000 MHz					
Output Level	TTL/HCMOS Compatible					
Level	'0'= 0.4 Vdc Max., '1'=2.4 Vdc Min.	'0'=0.1 Vcc Max., '1'=0.9 Vcc Min.				
Duty Cycle	50% ± 5%					
Rise/ Fall Time	10 nS Max					
Output Load	10TTL or 15 pF					
Stability						
Frequency vs. Temperature	± 50.0 ppm Max Standard (see part number guide below)					
Aging @ 25°C	± 5.0 ppm/year Max					
Control Voltage	See Table					
Voltage Control Range	See Table					
Slope	Positive					
Supply Voltage	5.0Vdc ±5% or 3.3 Vdc ±5% (see part number guide below)					
Current	10 - 50 mA Max					
Temperature						
Operating	0°C ~ +70°C Standard (see part number guide below)					
Storage	-55°C to +125°C					
Series	QCV30					
Voltage Control 3.3V = 1.65 ± 1.5 Vdc 5.0V = 2.5 ± 2.0 Vdc		Tristate Enable = 2.0 Vdc min. Disable = 0.8 Vdc Max.				
Part Number Guide	Sample Part #:	QCV30-A315T-20.000				
	Temperature Range	Frequency Stability (Max)				
	Pullability (Min)	Voltage Code				
	Tristate	Frequency				
QCV30	A = 0 ~ 70 C C = -20 ~ 70 C E = -40 ~ +85 C	1 = ± 100 ppm Max 2 = ± 50 ppm Max 3 = ± 25 ppm Max	1 = ± 100ppm 2 = ± 50ppm	3 = +3.3V 5 = +5.0V	T=required, N=N/R	20.000 MHz

DIMENSION UNITS: mm



- PIN CONNECTIONS**
- 1 VOLTAGE CONTROL
 - 2 ENABLE/DISABLE
 - 3 GROUND
 - 4 OUTPUT
 - 5 NO CONNECTION
 - 6 Vcc

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Specifications subject to change without notice (Rev A)