

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

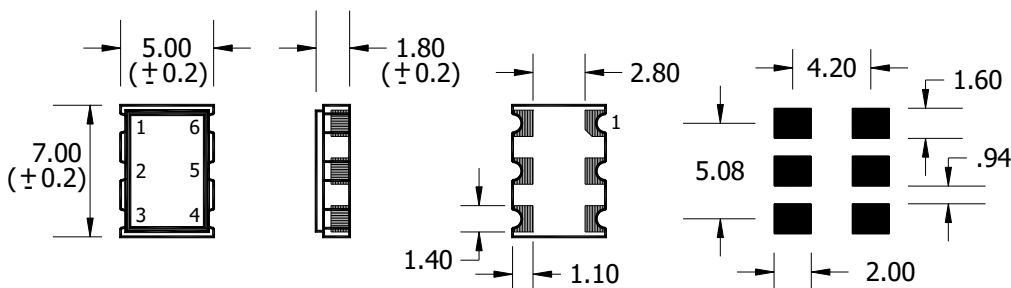
Voltage Control
3.3V = 1.65 ± 1.5 Vdc
5.0V = 2.5 ± 2.0 Vdc

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)