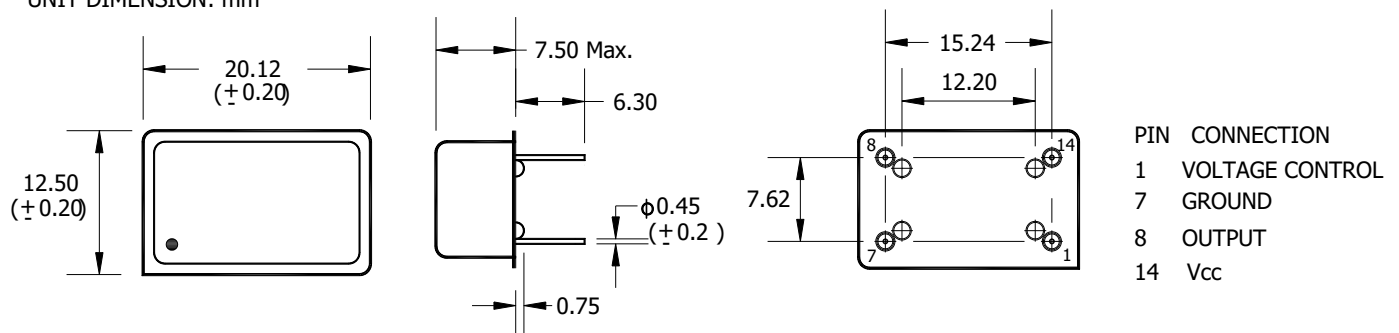


Frequency	1.000 MHz ~ 160.000 MHz	
Output Level	TTL / HCMOS	
Level	'0'= 0.4 Vdc Max., '1'=2.4 Vdc Min.	'0'=0.1 Vcc Max., '1'=0.9 Vcc Min.
Duty Cycle	50%±10%	
Rise/ Fall Time	10 ns Max.	
Output Load	1 TTL or 15 pF HCMOS Max	
Stability		
Frequency vs. Temperature	See Table below for Temperature Stability	
Aging @ 25°C	± 5.0 ppm / year Max	
Start up time	10 msec Max	
Control Voltage	2.5 ± 2.0 Vdc	
Control Voltage Range	See Table below for Pullability	
Slope	Positive	
Linearity	20% Max	
Supply Voltage	5.0 VDC ±5%	3.3 VDC ±5%
Current	90 mA Max	
Operating Temperature	See Table below for Temperature	
Storage Temperature	-55°C to +125°C	
Temp °C	Stability in ppm	Pullability in ppm
	±15    ±20    ±25	±10    ±25    ±50    ±100    ±150    ±200
	5    4    3	Code    6    3    2    1    8    9
0~+70	A    **    **    **	
-10~+60	G    **    **    **	
-30~+75	H    **    **    **	
-40~+85	E    **    **    **	

<b>Part Number Guide</b>		<b>Sample Part #:</b>		<b>QV20-A585-20.000</b>	
	Temperature Range	Frequency Stability	Pullability	Supply Voltage	Frequency
QV20	A = 0°C ~ +70°C	5 = ±15 ppm	8 = ±150 ppm	3=3.3 Vdc or 5=5.0 Vdc	20.000 MHz

\*\* Indicates Availability

UNIT DIMENSION: mm



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Specifications subject to change without notice (Rev A)