



VCXO I202 Series

8 Pin DIP TTL/HCMOS

Frequency					1.000 MHz ~ 135.000 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					10 TTL or 15 pF HCMOS Max							
Stability												
Frequency vs. Temperature					See Table Temperature Stability							
Aging @ 25°C					± 5.0 ppm / year Max							
Normal Test Temperature					25°C ±2°C							
Control Voltage					2.5 ± 2.0 Vdc							
Control Voltage Range					See Table Pullability							
Slope					Positive							
Linearity					B = 10% , C = 15%, K,L =20%							
Supply Voltage					5.0 VDC ±5%				3.3 VDC ±5%			
Current					40 mA Max							
Operating Temperature					See Table Temperature							
Storage Temperature					-55°C to +125°C							
Temp °C		Stability in ppm			Pullability in ppm						** Indicates Availability	
		±50	±30	±20		±10	±25	±50	±100	±150	±200	
		B	X	F	Code	E	A	B	C	K	L	
0~+70	1	**	**	**				**	**	**	**	
-20~+70	3	**	**	**				**	**	**	**	
-30~+75	4	**	**					**	**	**	**	
-40~+85	2	**						**	**	**	**	
Part Number Guide					Sample Part #: I202- 1BK3-20.000							
	Temperature Range		Frequency Stability		Pullability		Supply Voltage			Frequency		
I202	1= 0°C ~ +70°C		B = ±50 ppm		K= ±150 ppm		3=3.3 Vdc or 5=5.0 Vdc			20.000 MHz		

DIMENSION UNITS: mm



