

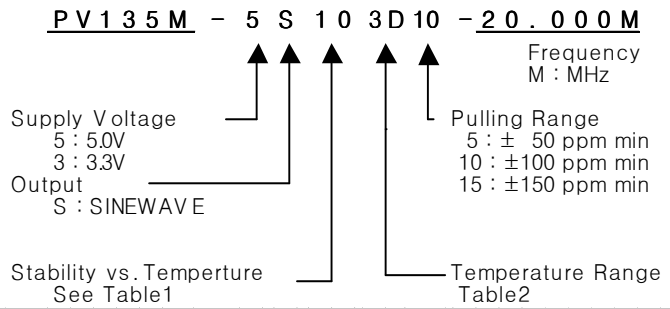
# VCXO

## PV135M Series

### Sinewave

### 8PIN DIP PACKAGE

#### \* PART NUMBERING GUIDE



MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION			
<p><b>PIN CONNECTION</b>            #1 V.C            #2 GND            #3 OUTPUT            #4 Vcc</p>	Frequency range	10.000MHz to 50.000MHz All combination of Frequency range Vs. Package type might not be available ,please contact factory		
	Frequency Stability vs. Temperature vs. Aging	± 10 ppm to ±50ppm ±3.0 ppm max/ year		
	Temperature Range Operating Storage	See Table 2 -55°C to 105°C		
	Supply Voltage	3.3V ± 5% 5.0V ± 5%		
	Input Current	fo ≤ 25.000MHz fo ≤ 50.000MHz	3.3V 15mA 25mA	5.0V 20mA 30mA
	Output characteristics	Sinewave Level 3.3V 0 dBm typ 5.0V 10 dBm typ Load 50Ω		
	Pull Characteristics			
	Pulling Range	±50ppm / ±100 / ±150 ppm min Wide pulling range : contact company		
	Control Range	1.65V ± 1.5V ( Vdd : 3.3V ) 2.5V ± 2.5V ( Vdd : 5.0V )		
	<b>ENVIROMENTAL &amp; MECHANICAL SPECIFICATION</b>			
	Shock	MIL-STD-883C, Method 2002, Condition B		
	Vibration	MIL-STD-883C, Method 2007, Condition A		
	Solderability	MIL-STD-883C, Method 2003		
	Seal integrity	MIL-STD-883C, Method 1014, Condition C & A2		
	Marking	MIL-STD-202F, Method 215		
	<b>TABLE1</b>		<b>TABLE2</b>	
	Symbol	Stability	Symbol	Temp.
	10	± 10ppm	0	0°C
	15	± 15ppm	1	-10°C
	20	± 20ppm	2	-20°C
	30	± 30ppm	3	-30°C
	50	± 50ppm	4	-40°C
	100	±100ppm		
			F	85°C
	<b>TEST CIRCUIT</b>			