



## VXD7

**Package:** UM-1 Surface Mount Gull wing

**Frequency Range:** 7.0 MHz to 200.0 MHz

**Mode:**  
1 = Fundamental  
3 = 3<sup>rd</sup> Overtone  
5 = 5<sup>th</sup> Overtone

**Stability Options:**  
A = ± 100 PPM from -20°C to +70°C  
B = ± 50 PPM from -20°C to +70°C  
C = ± 100 PPM from -40°C to +85°C  
D = ± 50 PPM from -40°C to +85°C  
E = ± 25 PPM from -20°C to +70°C

**Load Capacitance:**  
0 = Series Resonant  
1 = 16 pF  
2 = 20 pF  
3 = 32 pF  
4 = 18 pF  
5 = 10 pF  
6 = 30 pF

<b>Standard Calibration Tolerance:</b>	$\pm 25$ PPM at 25°C
<b>ESR:</b>	80 ohms max. (7.0 MHz to 16.0 MHz) 40 ohms max. (16.0 MHz to 120.0 MHz) 100 ohms max. (120.0 MHz to 200.0 MHz)
<b>Shunt Capacitance (Co):</b>	7.0 pF max.
<b>Drive Level:</b>	10 to 2000 uW
<b>Aging:</b>	< 5 PPM/1 <sup>st</sup> year
<b>Standard Packaging:</b>	Bagged