

# X-TAL

## PXD6 : Tuning Fork DIP PACKAGE

### \* PART NUMBERING GUIDE

**P X D 6 - 3 2 K 7 6 8 - A 1 - A A**

D6 : Cylinder Package  
8.0\*3.0mm

Frequency

See Table1

See Table2

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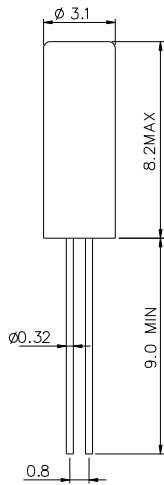
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See Table5

Blank

See Table3

### MECHANICAL DIMENSIONS



### ELECTRICAL SPECIFICATION

Frequency Range	32.768KHz
Load Capacitance(CL)	See Table1
Oscillation Mode	See Table2
Frequency Tolerance at 25°C (RT)	$\pm 20.0$ ppm to $\pm 50.0$ ppm See Table3
Temperature Coefficient	-0.04ppm/°C
Temperature Range Operating (TR) Storage	See Table 5 -20°C to 70°C
Series Resistance(ESR)	45k $\Omega$ max
Drive Level(DL)	1.0 $\mu$ W max
Shunt Capacitance(C0)	1.8pF max
Aging	$\pm 3.0$ ppm per year max
Insulation Resistance(IR)	500M $\Omega$ min at 100Vdc

Frequency-Temperature Curve

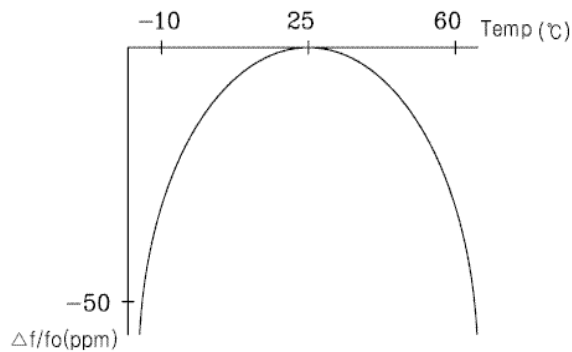


Table1		Table2		Table3		Table4		Table5	
Load Capacitance		Oscillation Mode		Frequency Tolerance		Frequency Stability		Operating Temp. Range	
Symbol	CL(pF)	Symbol	Mode	Symbol	RT(ppm)	Symbol	TC(ppm)	Symbol	TR(°C)
A	12.5	1	FUND	A	$\pm 20$			A	-10~+60
				B	$\pm 30$				
				C	$\pm 50$				