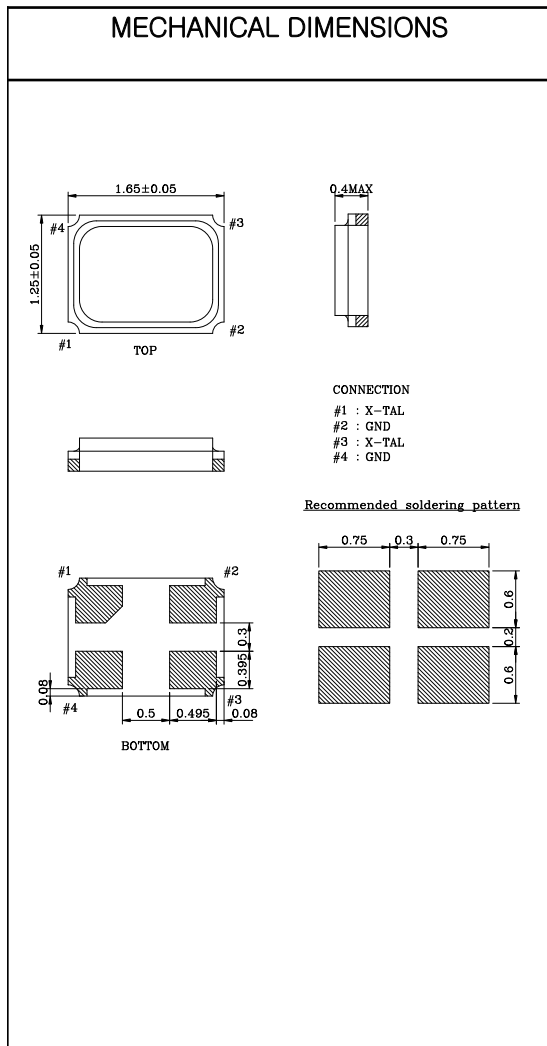
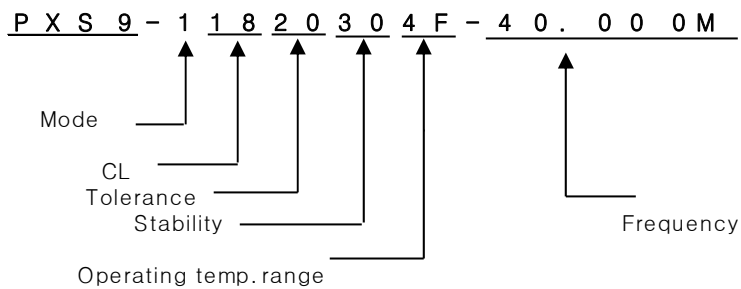


X-TAL

PXS9 : 1.6*1.2mm
SMD PACKAGE

* PART NUMBERING GUIDE



ELECTRICAL SPECIFICATION

Frequency Range	24.000MHz to 285.000MHz	
Load Capacitance(CL)	See Table1	
Oscillation Mode	1 : Fundamental	
Frequency Tolerance at 25°C(RT)	Standard ±10.0ppm See Table2	
Frequency Stability over Operating temperature range(TC)	Standard ±30.0ppm/-40~85°C See Table3	
Temperature Range Operating(TR) Storage	See Table 4 -55°C to +125°C	
Drive Level(DL)	200 uW max.	
Shunt Capacitance(C0)	1.0pF max	
Aging	±2.0ppm per year max	
Insulation Resistance(IR)	500MΩ min at 100Vdc	

Frequency Range(MHz)	ESR(Ω max)	Mode
24.000~32.000	200	AT FUND
32.001~38.000	100	AT FUND
38.001~80.000	80	AT FUND
80.001~285.000	60	AT FUND

Table1		Table2		Table3		Table4			
Load Capacitance		Frequency Tolerance		Frequency Stability		Operating Temp. Range			
Symbol	CL(pF)	Symbol	RT(ppm)	Symbol	TC(ppm)	Symbol	TR(°C)	Symbol	TR(°C)
08	8	10	±10	30	±30	0	0	A	+50
10	10	XX	±XX	XX	±XX	1	-10	B	+60
18	18					2	-20	C	+70
30	30					3	-30	D	+75
S	Series					4	-40	E	+80
XX	XX							F	+85