



# Quartz Crystal Unit

( XT224 Series )

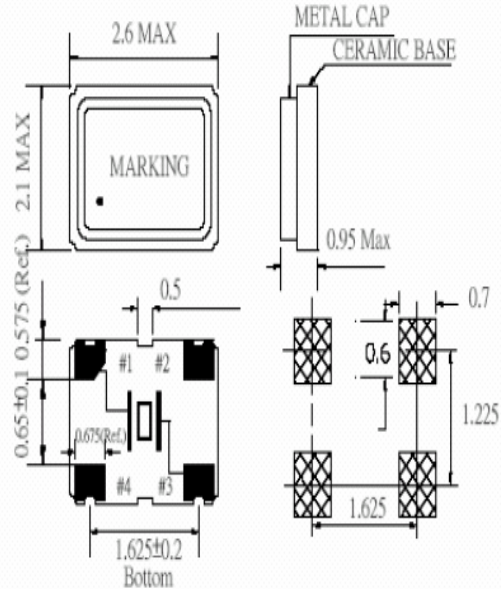
XT224 Series : SMD Crystal , 2.5x2.0 4pad

16.0 - 54.0MHz

### ● SPECIFICATION

Type	XT224
Frequency Range	16.0 - 54.0MHz
Frequency Tolerance	±10 ~ ±50 PPM
Frequency Stability	±10 ~ ±50 PPM
Operation Temperature	-10 ~ + 60 °C
Storage Temperature	-55 ~ + 125 °C
Load Capacitance	Series, 8,9,10,12,16,18,20pF or Special
Drive Level	10μW(100μW)
Series Resistance	See below
Shunt Capacitance	7pF MAX
Aging	± 5PPM

### ● DIMENSION (mm )



( Recommended Land Pattern )

### ● EQUIVALENT SERIES RESISTANCE

Frequency (MHz)	ESR(Ω)max
16 ~ 20	120
20 ~ 30	100
30 ~ 54	50