



### Through Hole Crystal Units Part Numbering System

E ↓ Internal Code	UA ↓	3.57954 ↓	F ↓	20 ↓	A ↓	3 ↓	3 ↓	L ↓
Package	Nominal Frequency (In MHz)	Vibration Mode	Load Capacitance	Operating temperature Range	Frequency Tolerance	Frequency Stability	Option (can be blank)	
UA=HC-49U SA=HC-49SA SC=HC-49SB MA=UM-1 MB=UM-5 AT=AT-39	Please enter the nominal frequency (7 digitals include the decimal)	F=AT-Fund T=AT-3 <sup>RD</sup> V=AT-5 <sup>TH</sup> B=BT-Fund	00=series 10=10pF 32=32pF (Pls enter the value of load capacitance)	A=0°C to +50°C B=0°C to +70°C C=-10°C to +60°C D=-10°C to +70°C E=-20°C to +70°C M=-40°C to +85°C N=-40°C to +105°C R=-55°C to +125°C S=Others	1=±10ppm 2=±20ppm 3=±30ppm 5=±50ppm 0=±100ppm X=±5ppm Y=±15ppm Z=±25ppm	1=±10ppm 2=±20ppm 3=±30ppm 5=±50ppm 0=±100ppm X=±5ppm Y=±15ppm Z=±25ppm	L = Cut Lead S = Insulator Tab V = Insert Vinyl Sleeve R = Tape and Reel Q = 3 <sup>rd</sup> Lead on Top P = 3 <sup>rd</sup> Lead Ground G = Gull Wing J = Jacket B = Tape and Box X = Others, Pls Specify F = Lead Free	

### Tuning Fork Part Numbering System

ET ↓ Internal Code	DA ↓	32.768 ↓	B ↓	125 ↓	B ↓	MB ↓	L ↓
Package	Nominal Frequency (In KHz)	Operation temperature Range	Load Capacitance	Frequency Tolerance	Marking	Option (can be blank)	
DA=DT-26 DB=DT-38 DC=DT-15 MB=SM308	Please enter the nominal frequency (6 digitals include the decimal)	A=0°C to +50°C B=-10°C to +60°C C=-10°C to +70°C D=-20°C to +70°C W=-40°C to +85°C	060=6.0pF 125=12.5pF 100=10pF (Pls enter the value of load capacitance)	A=±10ppm B=±20ppm C=±30ppm D=±50ppm E=±100ppm X=±5ppm Y=±15ppm Z=±25ppm	MP=With Marking MB=No Marking	L=Lead Cut R=Taping And Reel G=Gull Wing X=SpeCial SM=SMD Type F=Lead Free	

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