

SSP-T7



Description:

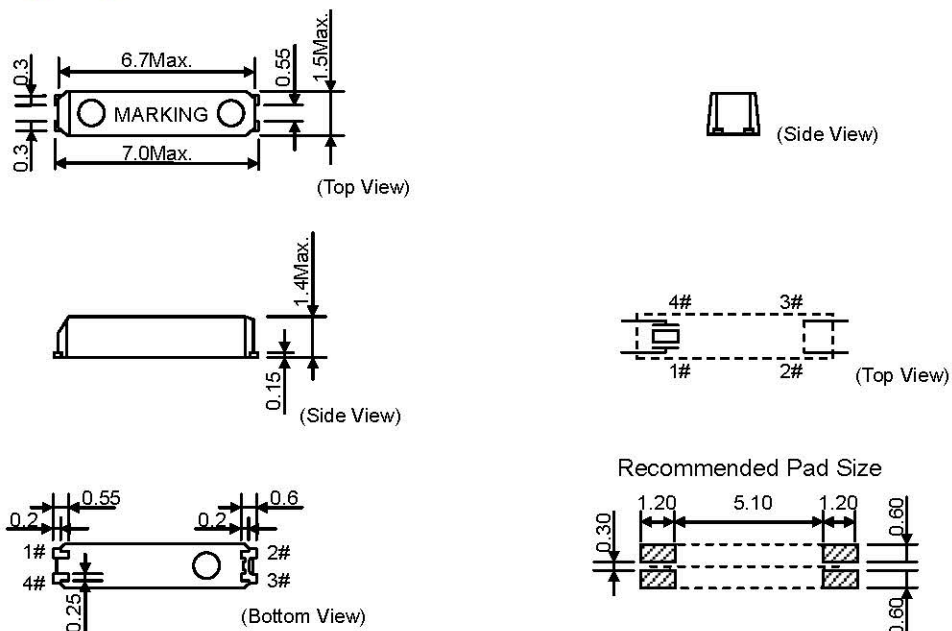


- KHz Frequency Domain
- High Frequency Accuracy
- Small Volume
- Green Product
- Commercial Unit
- Embedded Device
- Internet

Performance Characteristics

Parameter		SSP-T7
Frequency Range (KHz)	F ₀	32.768
Vibration Mode	Mode	Fundamental
Resonance Resistance (Ω)	R _r	65KΩ Max.
Frequency Tolerance (25°C)	F _{tol}	±20×10 ⁻⁶
Temperature Coefficient	B	-0.04×10 ⁻⁶ /°C ²
Temperature Range	T _{OPR}	-40°C~+85°C
Storage Temperature	T _{stg}	-55°C~+125°C
Dynamic Capacitance	C ₁	1.9fF Typ.
Static Capacity	C ₀	0.8pF Typ.
Load Capactiance	CL	6.0pF 、 12.5pF
Insulation Resistance	IR	>500MΩ DC/100V±10V
Driving Power	DL	1 μW Max
Frequency Aging	F _{age}	±3×10 ⁻⁶ /YearYear Max.

Outline Drawing(mm)



Crystal Units Ordering Informationg

HC-49U	—	C	20	S	S	A	—	1.8432	
Package	Operating Temperature range	Load Capacitance	Frequency Tolerance (25°C)	Frequency Stability	Vibration Stbility	Nominal Frequency (MHz)			
HC-33U	A=0°C~+50°C	00= Cascade	N=±5×10 ⁻⁶	N=±5×10 ⁻⁶	A=AT-Fund	Please enter the nominal frequency			
HC-49U	B=-10°C~+60°C	06=6.0pF	O=±10×10 ⁻⁶	O=±10×10 ⁻⁶	B=BT-Fund				
HC-49UX	C=-20°C~+70°C	08=8.0pF	P=±15×10 ⁻⁶	P=±15×10 ⁻⁶	D=DT Cut				
HC-49H	G=-40°C~+85°C	09=9.0pF	Q=±20×10 ⁻⁶	Q=±20×10 ⁻⁶	N=NT Cut				
HC-49S	Q=-40°C~+125°C	10=10pF	S=±30×10 ⁻⁶	S=±30×10 ⁻⁶	X=X Cut				
HC-49SU	H=-55°C~+85°C	12=12pF	T=±50×10 ⁻⁶	T=±50×10 ⁻⁶	TA=AT-3 RD				
HC-49SN	J=-55°C~+125°C	16=16pF		U=±100×10 ⁻⁶	FA=AT-5 TH				
HC-49SA		18=18pF			SA=AT-7 TH				
HC-49SB		20=20pF							
HC-49XA		30=30pF							
HC-49XB		These are the normal load capacitance values.	If there are special requirements can choose high precision.	Temperature stability is selected according to the corresponding description page.	The vibration mode can be selected according to the corresponding description page.		Select according to the optional frequency range of the corresponding description page		
X16F	Special requirements can be selected according to the temperature range and temperature stability.	Note: calculate the value of load capacitance according to the actual application circuit (see instructions for calculation).							
X21F									
X25F									
X32F									
X53F									
X53T									
X63F									
X75F									
UM-1									
UM-5									

DT-26	—	C	06	Q	—	32.768
Package	Operating Tempereare range	Load Capacitance	Frequency Tolerance (25°C)	Nominal Frequency (KHz)		
DT-26	A=0°C~+50°C	06=6.0pF	N=±5×10 ⁻⁶	Please enter The nominal frequency		
DT-38	B=-10°C~+60°C	12=12.5pF	O=±10×10 ⁻⁶			
FC12	C=-20°C~+70°C		P=±15×10 ⁻⁶			
FC135	G=-40°C~+85°C		Q=±20×10 ⁻⁶			
SSP-T7						
MC306						