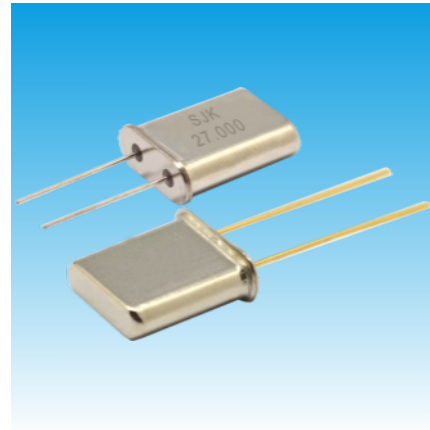


**Features**

- High precision and availability
- Resistance welded
- Ideal for large pullability applications
- Wide frequency range
- Applications: *Radio Communication, TV, STB, LCDM, Consumer Electronics, etc.*
- RoHS Compliant & Pb Free


**Standard Specifications**

Type	6A HC-49U Crystal
Frequency Range	1~160 MHz
Frequency Tolerance (at 25°C)	±20ppm, or specify
Frequency Stability Over Temperature	±20ppm, or specify
Operating Temperature Range	-20~+70°C, or specify
Shunt Capacitance (C <sub>0</sub> )	7pF Max.
Drive Level	1~500μW (100μW Typ.)
Load Capacitance	16pF, 20pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	100pcs.

**Equivalent Series Resistance**

Fundamental	3rd Overtone	5th Overtone
1~3.0MHz 350Ω Max.	20~25MHz 50Ω Max.	70~100MHz 60Ω Max.
3~3.5MHz 150Ω Max.	25~30MHz 40Ω Max.	100~125MHz 60Ω Max.
3.5~4.0MHz 90Ω Max.	30~75MHz 40Ω Max.	125~160MHz 60Ω Max.
4~7.0MHz 60Ω Max.	75~100MHz 60Ω Max.	
7~15MHz 35Ω Max.		
15~30MHz 25Ω Max.		

**Dimensions [mm]**
