

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 ₀)	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]

