

IC 25



Quartz Crystal Unit HC 49U Thru-Hole

Dimensions l/w/h in mm (max)	11,0 x 4,6 x 13,5	
Frequency	1,80 MHz to 150,0 MHz	
Operating Temperature	Refer to Ordering Guidance	
Frequency Tolerance at 25°C	Refer to Ordering Guidance	
Frequency Stability in Operating Temp. Range	Refer to Ordering Guidance	
Storage Temperature	-55°C to +125°C	
Load Capacitance (CL)	16pF/ 18pF/ 20pF/ 30pF/ 32pF or series	
Shunt Capacitance (C0)	7,0 pF max.	
Series Resonance (R1)	1,80 MHz ~ 1,999 MHz	750 Ohm
	2,00 MHz ~ 2,399 MHz	500 Ohm
	2,40 MHz ~ 3,1999 MHz	300 Ohm
	3,20 MHz ~ 4,199 MHz	100 Ohm
	4,20 MHz ~ 4,899 MHz	70 Ohm
	4,90 MHz ~ 5,999 MHz	50 Ohm
	6,00 MHz ~ 9,999 MHz	40 Ohm
	10,00 MHz ~ 15,999 MHz	30 Ohm
	16,00 MHz ~ 35,000 MHz	20 Ohm
	20,00 MHz ~ 24,999 MHz	60 Ohm (3 rd OT)
	25,00 MHz ~ 100,00 MHz	40 Ohm (3 rd OT)
	60,00 MHz ~ 79,999 MHz	80 Ohm (5 th OT)
80,00 MHz ~ 150,00 MHz	60 Ohm (5 th OT)	
Drive Level μ W	100 max	
Aging (df/F) first year at 25°C	± 3 ppm	

