

# IC 21



## Quartz Crystal Unit HC 49 US

Dimensions l/w/H in mm (max)	<b>11,4 x 4,6 x 4,1</b>	
Frequency	3,20 MHz to 70,0 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)	3,2 MHz ~ 4,99 MHz	150 Ohm
	5,0 MHz ~ 6,99 MHz	100 Ohm
	7,0 MHz ~ 8,99 MHz	80 Ohm
	9,0 MHz ~ 12,99 MHz	60 Ohm
	13,0 MHz ~ 19,99 MHz	40 Ohm
	20,0 MHz ~ 33,0 MHz	30 Ohm
	27,0 MHz ~ 70,0 MHz	100 Ohm (3 <sup>rd</sup> OT)
Drive Level $\mu$ W	100 max.	
Aging (df/F) first year at 25°C	$\pm$ 3 ppm	

