

DATENBLATT / DATASHEET



Specification: QTCC-HC49S

Crystal unit: HC-49/S

Date: 10.02.2009  
ROHS compliance

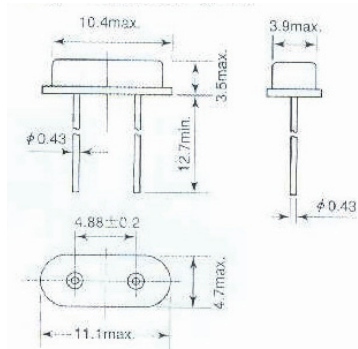


TABLE 1

3,5 ... 80 MHz		UNIT	CONDITION
Frequency range	3,5 - 80	MHz	
Crystal cut	AT		
Enclosure	HC-49/S		
Mode	3,5 – 30 MHz 20 – 80 MHz		Fundamental mode 3 <sup>rd</sup> overtone
Load capacitance	10 – 50 pF or Series	pF	
Shunt capacitance	7 pF max.	pF	
Motional capacitance			
Resistance R <sub>R</sub>			see table 2
Frequency adjustment at +25°C	± 10 to ± 100	ppm	
Frequency stability over temperature	- 20 to +70°C: ± 10 to ± 100 - 40 to +85°C: ± 20 to ± 100 - 40 to +105°C: ± 30 to ± 100	ppm	
Aging 1 <sup>st</sup> year	± 3	ppm	
Drive level	0,1	mW	
Packing	Bulk / Tape & reel		

TABLE 2

MAX. RESISTANCE R <sub>R</sub>	MODE	FREQUENCY / MHz	R <sub>RM</sub> / Ohm
	1	3,5 – 4,09	150
		4,10 – 4,79	120
		4,80 – 5,79	100
		5,80 – 11,99	90
		12,0 – 14,29	70
		14,3 – 30,00	50
			3
40,0 – 80,0	80		