

DATENBLATT / DATASHEET



Specification: QTCC-HC49U

Crystal Unit: HC-49/U

Date: 11.03.2009
ROHS compliance

Scale 1:1

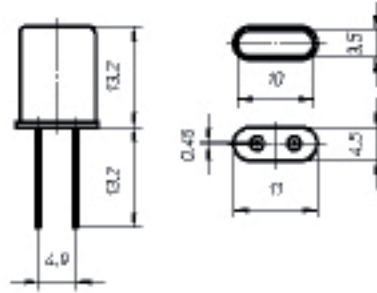


TABLE 1

1,8 ... 160 MHz		UNIT	CONDITION
Frequency range	1,8 - 160	MHz	
Crystal Cut	AT		
Enclosure	HC-49/U		
Mode	1,8 – 40 MHz 20 – 100 MHz 80 – 160 MHz		Fundamental Mode 3 rd Overtone 5 th Overtone
Load Capacitance	10 – 50 pF or Series	pF	
Shunt Capacitance	7 pF max.	pF	
Motional Capacitance			
Reksistance R_R			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 st year	± 3	ppm	
Drive Level	0,1	mW	
Packing	Bulk / Tape & reel		

TABLE 2

MAX. RESISTANCE R_R	MODE	FREQUENCY / MHz	R_{MAX} / Ohm
	1	1,8 – 2,44	500
		2,45 – 2,99	400
		3,00 – 3,49	200
		3,50 – 4,39	150
		4,40 – 4,99	100
		5,00 – 5,99	70
		6,00 – 9,99	50
		10,0 – 19,9	30
		20,0 – 40,0	20
		3	20,0 – 39,9
	40,0 – 100,0		50
5	50,0 – 150,0	100	