

DATENBLATT / DATASHEET



Specification: QTCC-HC49SSMD

Crystal Unit: HC-49/S SMD

Date: 11.03.2009
ROHS compliance

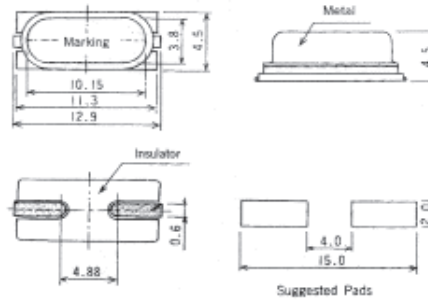


TABLE 1

3,5 ... 80 MHz		UNIT	CONDITION
Frequency range	3,5 - 80	MHz	
Crystal Cut	AT		
Enclosure	HC-49/S SMD		
Mode	3,5 – 30 MHz 20 – 80 MHz		Fundamental Mode 3 rd Overtone
Load Capacitance	10 – 50 pF or Series	pF	
Shunt Capacitance	7 pF max.	pF	
Motional Capacitance			
Resistance 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	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		