

DATENBLATT / DATASHEET



Specification: QTCC-6x3,5

Crystal Unit: 6 x 3,5 SMD

Date: 10.02.2009  
ROHS compliance

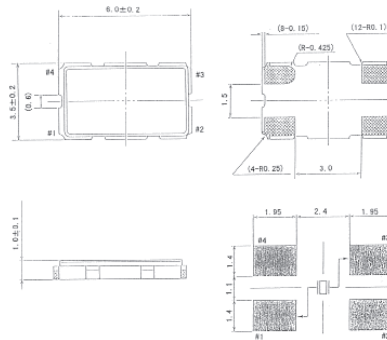


TABLE 1

8 ... 86 MHz		UNIT	CONDITION
Frequency range	8 - 86	MHz	
Crystal Cut	AT		
Enclosure	6 x 3,5 SMD		
Mode	8 – 48 MHz 48 – 86 MHz		Fundamental Mode 3 <sup>rd</sup> Overtone
Load Capacitance	5 – 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	-10 to +60°C: ± 5 to ± 100 - 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 $R_R$	MODE	FREQUENCY / MHz	$R_{MAX}$ / Ohm		
	1	8,0 – 9,0	100		
		9,0 – 10,0	80		
		10,0 – 12,0	60		
		12,0 – 13,0	50		
		13,0 – 19,0	45		
		19,0 – 20,0	40		
		20,0 – 30,0	35		
		30,0 – 48,0	30		
			3	48,0 – 86,9	80