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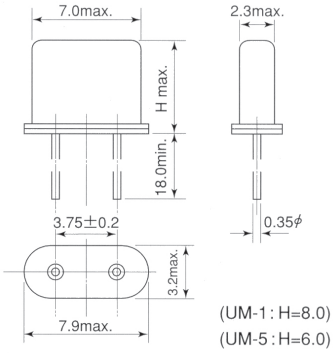
QT Quarztechnik GmbH
Schwingquarze • Oszillatoren

Reg.-Nr. 4923

Datenblatt / Datasheet

Specification: QTCC-UM5

Crystal unit: UM-5



Date: 11.03.2009
ROHS compliance

Table 1

10 ... 160 MHz		Unit	Condition
Frequency range	10 - 160	MHz	
Crystal cut	AT		
Enclosure	UM-5		
Mode	10 – 45 MHz 30 – 150 MHz 100 – 160 MHz		Fundamental mode 3rd overtone 5th 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 1st 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	10,0 – 17,9 18,0 – 45,0	40 30
	3	30,0 – 49,9 50,0 – 100,0	50 40
	5	100,0 – 160,0	120