

Dimensions

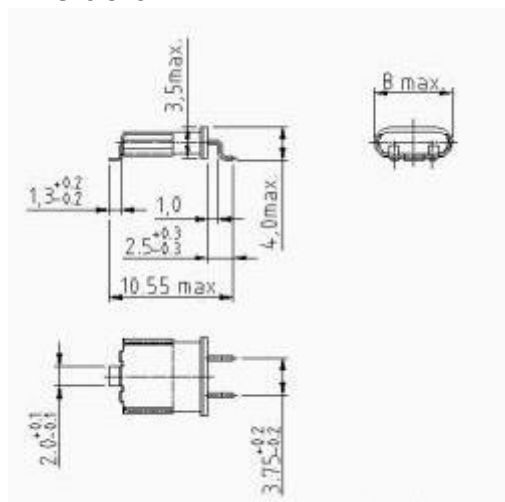


Table 1

10 ... 160 MHz		Unit	Condition
Frequency range	10 - 160	MHz	
Crystal cut	AT		
Enclosure	UM-5-SMD		
Mode	1. 10 - 45 3. 30 - 150 5. 100 - 160	MHz MHz MHz	Fundamental 3 rd overtone 5 th overtone
Load capacitance	10 – 50pF 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	< ± 3.0	ppm	
Drive Level	0.1	mW	
Packing	Bulk / Tape & reel		

Table 2

MAX. RESISTANCE R _R	MODE	FREQUENCY [MHz]	R _{RMAX} [Ω]
	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