

VM6SSM3

Metal Housing Crystal Unit with 4 Soldering Pads

FEATURES

- Cost Effective
- Interchangeable with Plastic Molded SMD Crystals
- Ideal for Consumer Product Applications
- Withstand IR or Vapor Phase Reflow Soldering Process

Parameter	Unit	Condition	Min	Typ	Max	Note
Frequency Range	MHz		3.58		70.0	
Frequency Tolerance	ppm	3.5-41MHz, AT Fund. 27-70MHz, AT 3rd 26-50MHz, BT Fund.		+30 +30 +50		
Frequency Stability	ppm	3.5-41MHz, AT Fund. 27-70MHz, AT 3rd 26-50MHz, BT Fund.		+50 +50 +100		
Operating Temperature Range	°C		0		+70	
Storage Temperature Range	°C		-40		+85	
Shunt Capacitance (C_0)	pF				7.0	
Load Capacitance (C_L)	pF	Customer Specified	10.0	18		
Drive Level	mW	3.58–70.0MHz		0.1	0.5	
Aging Per Year	ppm	@25°C			±5.0	
Frequency Range	Mode		Max ESR (Ω)			
3.579 - 3.999	AT Fundamental		180			
4.000 - 4.999	AT Fundamental		150			
5.000 - 5.999	AT Fundamental		120			
6.000 - 6.999	AT Fundamental		100			
7.000 - 8.999	AT Fundamental		80			
9.000 - 12.999	AT Fundamental		60			
13.000 - 41.000	AT Fundamental		40			
26.000 - 50.000	AT Fundamental		30			
27.000 - 70.000	AT 3rd Overtone		100			

Note: Please reference "Building a Part Number" on page 36 if the desired specification is not found in the "Standard Crystal Part Number Chart" on pages 13–14.

All specifications are subject to change without notice.

