

VM6SSM2



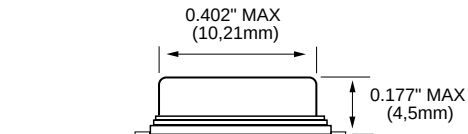
Resistance Weld Low Profile Surface Mount Crystal (4,5mm height)

FEATURES

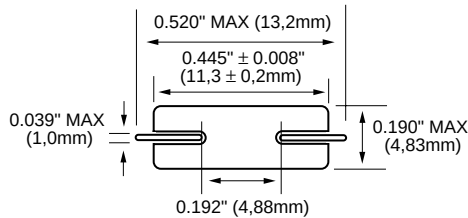
- Low Profile (4,5mm)
- Industry Standard Package
- Excellent Value

OPTIONS

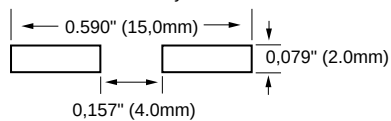
- Tape & Reel



0.146" (3,75mm)



Recommended
Solder Pad Layout



Parameter	Unit	Condition	Min	Typ	Max	Note
Frequency Range	MHz		3.20		70.0	
Frequency Tolerance	ppm	@25°C		±30		Additional Tolerances Available
Frequency Stability	ppm	0°C to +70°C		±50		Ref: @25°C
Operating Temperature Range	°C		0		+70	Additional Ranges Available
Storage Temperature Range	°C		-30		+85	
Shunt Capacitance (C ₀)	pF				7.0	
Load Capacitance (C _L)	pF	Customer Specified	10.0	18	Series	
Drive Level	mW				0.5	
Aging Per Year	ppm	@25°C			±5.0	
Frequency Range		Mode		Max ESR (Ω)		
3.200 - 3.500		Fundamental		300		
3.500 - 4.000		Fundamental		200		
4.000 - 5.000		Fundamental		150		
5.000 - 6.000		Fundamental		120		
6.000 - 7.000		Fundamental		100		
7.000 - 9.000		Fundamental		80		
9.000 - 13.000		Fundamental		60		
13.000 - 20.000		Fundamental		40		
20.000 - 30.000		Fundamental		30		
27.000 - 70.000		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.