**DIP CRYSTAL UNITS**

**ZC-M49 Seam Sealing Crystal**

 . Very corthpact and thin(7.5\*4.0\*2.3mm MAX)

 . Frequency range of 3M～64M with Found

. Low cost ,Wide frequency range,Excellent aging

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| 1 | Nominal Frequency标称频率 | 3～64MHz |
| 2 | Holding封装形式 | ZC-M49 |
| 3 | Vibration Mode振动模式 | AT CUT,FUND/3RDAT切,基波/三倍波 |
| 4 | Frequency Tolerance @ 25±3℃调整频差 | ±10PPM /±20PPM/±30PPM |
| 5 | Frequency Stability@ 6工作温度条件下的频率容差 | ±10PPM /±20PPM/±30PPM |
| 6 | Operating Temperature Range工作温度 | -20～+70℃/-40～85℃  |
| 7 | Store Temperature Range存储温度 | -55～+125℃ |
| 8 | Equivalency Resistance等效电阻 | 20～200Ω max |
| 9 | Load Capacitance负载电容 | 10～32PF |
| 10 | Drive Level激励功率 | 100μW max |
| 11 | Insulation Resistance绝缘阻抗 | ＞500MΩ at DC 100V±15V |
| 12 | Aging老化 | ±3PPM/year max |

***CRYSTAL CERAMIC DIP 49SS/SMD DIMENSION***

**PACKAGE DIMENSIONS:Unit: mm**



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| NO. | 规格 | H |
| 1. | **F<16Mhz(含)** | **2.3Max** |
| 2 | F>16Mhz | 2.1Max |