

Metal Can Type Crystals M3 Series

Features

- Reflow resistance type crystal units.
- Higher frequency pullability and lower equivalent series resistance.
- Lower cost and highly mass production capability.
- The best choice of TV, STB, LCDM and Cable Modem.
- RoHS Compliant / Pb Free.



Electrical Specifications	
Item / Type	M3
Frequency Range	32.768 KHz
Frequency Tolerance (at 25°C)	±20 ppm, or specify
Operating Temperature Range	-40 ~ +85°C
Shunt Capacitance (C0)	1.5 pF Max.
Drive Level	0.1 μW typical, 0.5 μW max
Load Capacitance	Series, 7 pF, 9 pF, 12.5 pF, or specify
Aging (at 25°C)	±3 ppm First year Max.
Storage Temperature Range	- 55 ~ +125 °C
Turnover Temperature	25±5 °C
Temperature Coefficient	-(0.036±0.006) ppm/°C ²
Insulation Resistance	>500MΩ@DC 100±10V

Equivalent Series Resistance(ESR)	
Fundamental	
32.768 KHz	90 KΩ Max.





