

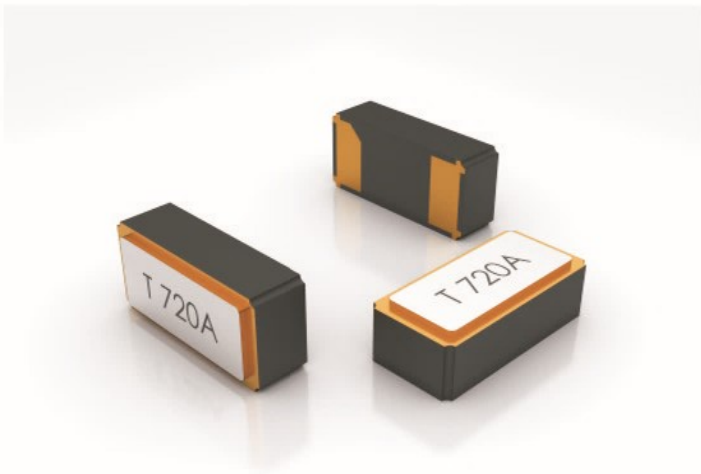
Metal Can Type

Crystals

M5 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	M5
Frequency Range	32.768 KHz
Frequency Tolerance (at 25℃)	±20 ppm, or specify
Operating Temperature Range	- 40 ~ +85 ℃
Shunt Capacitance (C0)	1.5 pF Max.
Drive Level	0.1 μW typical,0.5μW max
Load Capacitance	Series,7 pF, 9 pF, 12.5 pF, or specify
Aging (at 25℃ )	3 ppm First year Max.
Storage Temperature Range	- 55 ~ + 125 ℃
Turnover Temperature	25±5 ℃
Temperature Coefficient	– (0.036±0.01) ppm/℃ 2
Insulation Resistance	500MΩ@DC 100±10V

Equivalent Series Resistance(ESR)	
Fundamental	
32.768 KHz	70 KΩ Max.

