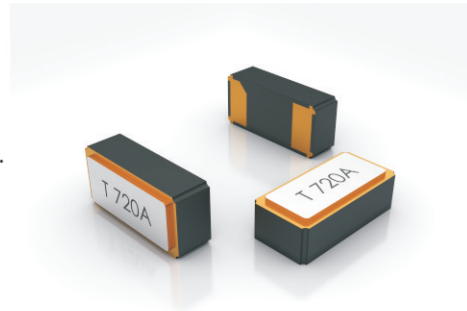


# Metal Can Type Crystals M5 Series

## 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°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+/-0.005) ppm/°C 2
Insulation Resistance	500MΩ@DC 100±10V



### Equivalent Series Resistance(ESR)

Fundamental	
32.768 KHz	70 KΩ Max.



### Dimensions

