

Metal Can Type

Crystals

TF308 32.768KHz

Features

- Resistance welded type crystal units.
- A great number of standard frequencies.
- Higher frequency pullability and lower equivalent series resistance.
- Lower cost and highly mass production capability.
- The best choice of PC and Clock.
- RoHS Compliant / Pb Free.



Electrical Specifications	
Item / Type	TF308
Frequency Range	32.768KHz
Frequency Tolerance (at 25℃)	±20ppm, or specify
Operating Temperature Range	- 20 ~ +70 ℃
Shunt Capacitance (C0)	2.0 pF Max.
Drive Level	1.0 μW typical
Load Capacitance	Series, 8 pF, 12.5 pF, 20 pF, or specify
Aging (at 25℃)	5 ppm First year Max.
Storage Temperature Range	- 40 ~ + 85 ℃
Turnover Temperature	25±5 ℃
Temperature Coefficient	-(0.036±0.01) ppm/℃ 2
Insulation Resistance	500MΩ@DC 100±10V

Equivalent Series Resistance(ESR)	
Fundamental	
28KHz~100KHz	30KΩ Max.

