



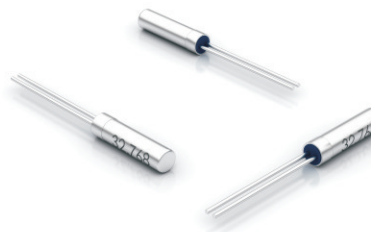
Create the world famous brand
Welcome to our site <http://www.sztkd.com>

Metal Can Type Crystals TF145 32.768KHz

顶点光电子商城
<https://www.vertex-icbuy.com/>

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 Clock.
- RoHS Compliant / Pb Free.



Electrical Specifications

Item / Type	TF145
Frequency Range	32.768KHz
Frequency Tolerance (at 25°C)	±20 ppm, or specify
Operating Temperature Range	-40 ~ +85 °C
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°C)	5 ppm First year Max.
Storage Temperature Range	- 40 ~ + 85 °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	
32.768KHz	60 KΩ Max.



Dimensions

