CrystalUnits DT-308 DIP Series

Features

Dimensions:3.0 x 8.0 mm
Standard Frequency:32.768KHz
Resistance Welded Type Crystal Units
Low Impedance Performance

Applications

RTC

Electrical Specifications

Item / Type	
Norminal Frequency 标称频率	32.768 KHz
Frequency Tolerance(at 25 ℃) 频率偏差	± 10 ppm ± 20 ppm
Operation Temperature Range 工作温度	– 2 0 ~ + 70 ℃
Shunt Capacitance (C0) 静态电容	2.0pF typical
Motional Capacitance (C1) 动态电容	3.4fF typical
Insulation Resistance (IR) 绝缘电阻	500 MΩ Min.
Drive Level (DL) 激励电平	1.0 μW Max.
Load Capacitance(CL) 负载电容	6PF , 12.5 pF ,
Turnover Temperature (Ti) 拐点温度	25 ℃ ± 5 ℃
Parabolic Coefficient (B) 温度系数	(- 0.036 ± 0.01) * 10^{6} / $℃^{2}$
Aging (at 25 ℃) 年老化	± 3 ppm at First year
Storage Temperature Range 储存温度	–55 ~ +125 ℃

Equivalent Series Resistance(ESR)

308
35KΩ Max

Dimensions