

Crystal Unit

32.768KHZ

YT-38 DIP



Applications Features

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



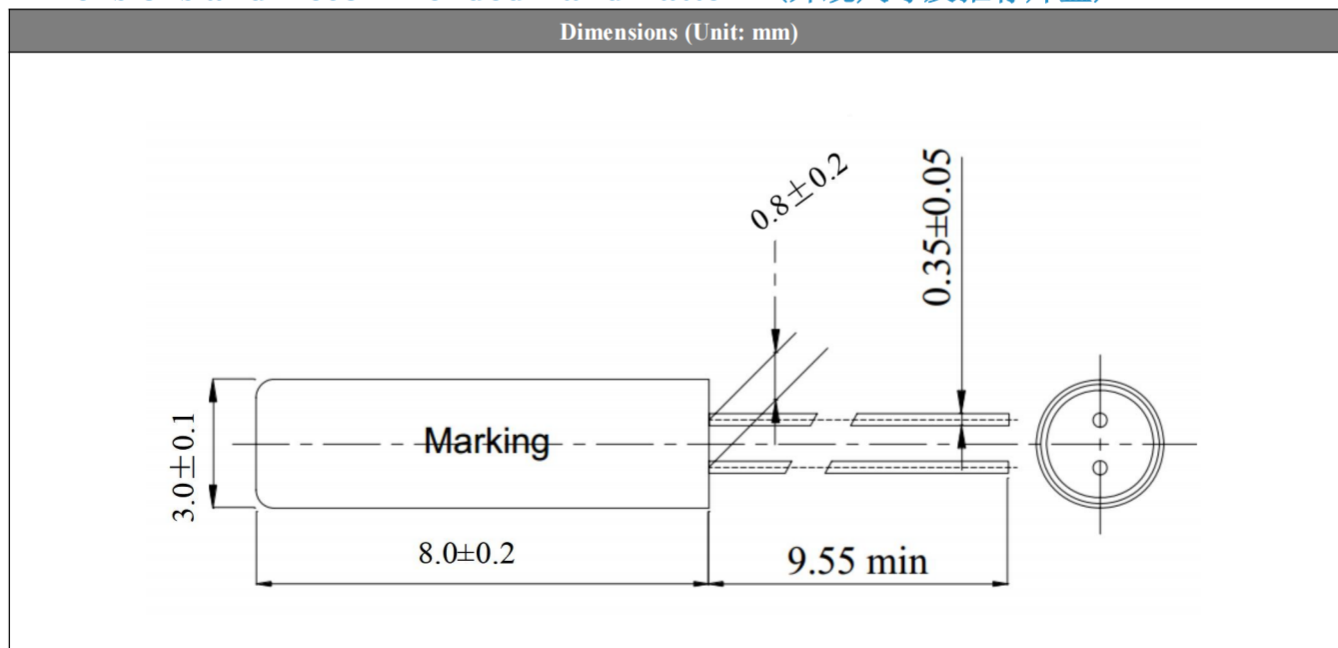
Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency 标称频率	f _{nom}	32.768KHz
Load Capacitance 负载电容	CL	12.5pF, or specify
Frequency Tolerance 频率偏差 (at 25°C)	f _{tol}	±5ppm, ±10ppm, or specify
Parabolic Coefficient 频率温度系数	B	- 0.04 * 10 ⁻⁶ / °C ²
Operating Temperature 工作温度	T _{use}	-20~+70°C, -40~+85°C, or specify
Storage Temperature 储存温度	T _{stg}	-55~+125°C
Shunt Capacitance 静态电容	C0	3.0pF Max
Level of Drive 激励电平	DL	0.1μW Typ, 0.5μW Max
Aging 老化(at 25°C)	f _{age}	±3ppm/year Max

Equivalent Series Resistance (等效串联电阻 (ESR))

YT-38
40KΩ Max

Dimensions and Recommended Land Pattern (外观尺寸及推荐焊盘)



Notice (注意)

—Soldering conditions: For manual soldering, the temperature should be 280°C with a duration within 3 seconds.