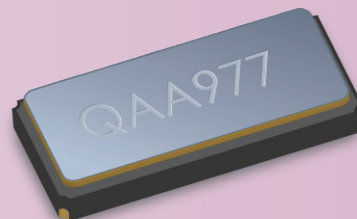


SMLF-3215

FEATURES

- Small size
- Surface Mount with Ceramic Package
- Reflow solderable
- Suitable for IoT and wearable devices
- RoHS Compliant and Pb Free

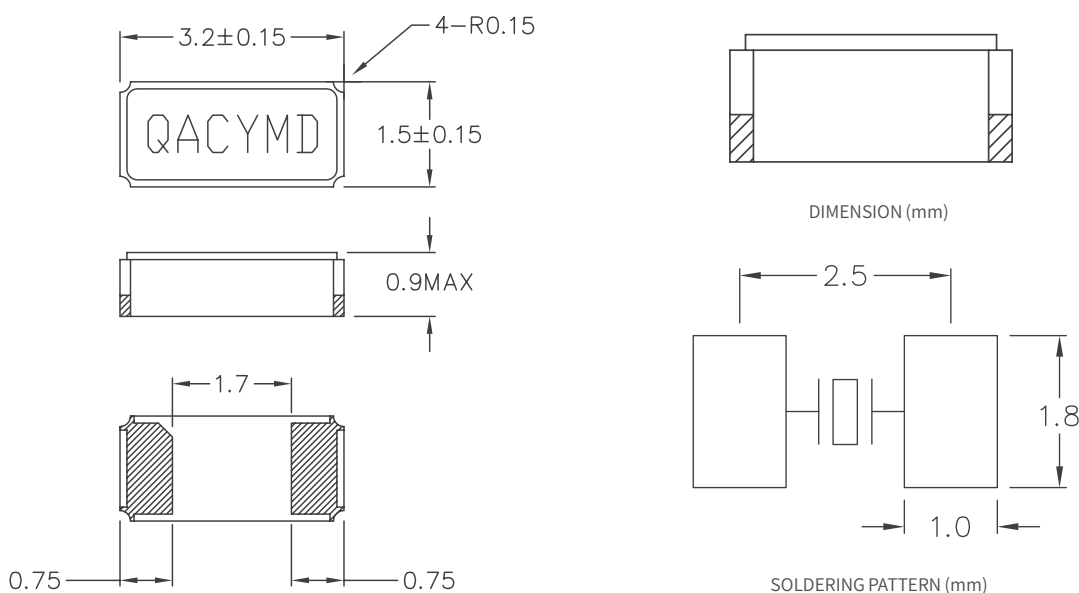


Electrical Specifications

Parameters	Symbol	Specifications
Nominal Frequency 标称频率	f_0	32.768KHz
Frequency Tolerance, $T_a=25^\circ\text{C} \pm 3^\circ\text{C}$ 常温频率偏差	$\Delta f/f$	$\pm 20\text{ppm}$
Load Capacitance 负载电容	C_L	12.5pF or specify
Temperature Coefficient 温度系数	$\Delta f/f$	$-0.034 \pm 0.006\text{ppm}/^\circ\text{C}^2$
Operating Temperature Range 工作温度范围	T_{OPR}	$-20^\circ\text{C} \sim +70^\circ\text{C}$, $-40^\circ\text{C} \sim +85^\circ\text{C}$
Storage Temperature Range 储存温度范围	T_{STG}	$-55^\circ\text{C} \sim +125^\circ\text{C}$
Drive Level 激励功率	DL	0.5 μW Max.
Equivalent Series Resistance (ESR) 串联谐振阻抗	R_1	70K Ω Max.
Insulation Resistance 绝缘阻抗	IR	500M Ω Min.
Aging 老化率	Δf_A	$\pm 5\text{ppm}/\text{Year}$ Max.

Please consult our sales representatives for other specifications. 如对其他规格查询, 请与我司销售人员联系。

Dimensions



All specifications are subject to change without prior notice. 本公司保留修改规格的权利。