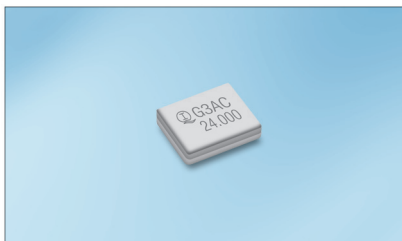


SMAC-3225H

ALL CERAMIC QUARTZ CRYSTAL RESONATORS (SMD) 表貼全陶瓷封裝石英晶體諧振器



FEATURES

- All ceramic epoxy sealed SMD package
- Ultra-light and ultra-miniature size
- Wide frequency range
- High precision option available
- Mature thick-film manufacturing process
- Offer better cost advantages for consumer electronic applications



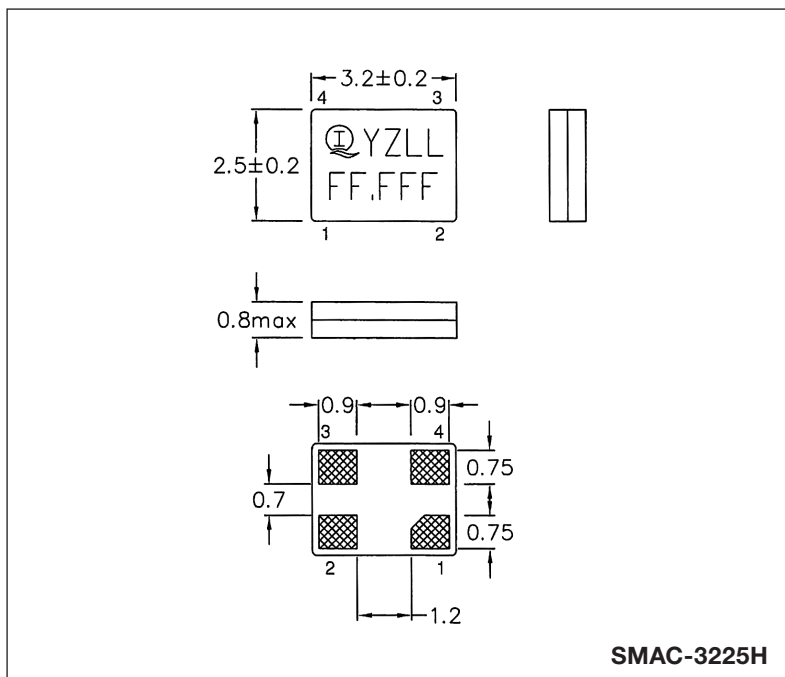
Parameters		Specifications
Nominal Frequency Range 標稱頻率範圍	f_0	12.0MHz ~ 48.0MHz (Fundamental)
Frequency Tolerance, $T_a=25^\circ\text{C} \pm 3^\circ\text{C}$ 常溫頻率偏差	$\Delta f/f$	$\pm 10\text{ppm}$, $\pm 20\text{ppm}$, $\pm 30\text{ppm}$, $\pm 50\text{ppm}$
Load Capacitance 負載電容	C_L	10pF or customer specify
Frequency Tolerance over Operating Temperature Range with refer to 25°C 相對於常溫的頻率溫度特性	$\Delta f/f$	$\pm 10\text{ppm}$, $\pm 20\text{ppm}$, $\pm 30\text{ppm}$, $\pm 50\text{ppm}$
Operating Temperature Range 工作溫度範圍	T_{OPR}	$-20^\circ\text{C} \sim +70^\circ\text{C}$, $-40^\circ\text{C} \sim +85^\circ\text{C}$
Storage Temperature Range 儲存溫度範圍	T_{STG}	$-55^\circ\text{C} \sim +125^\circ\text{C}$
Drive Level 激勵功率	DL	0.1mW (0.5mW Max.)
Shunt Capacitance 靜態電容	C_0	5pF Max.
Insulation Resistance 絕緣電阻	IR	500M Ω Min.
Aging 老化率	Δf_A	$\pm 5\text{ppm/Year Max.}$

SERIES RESISTANCE (ESR) 串聯諧振阻抗

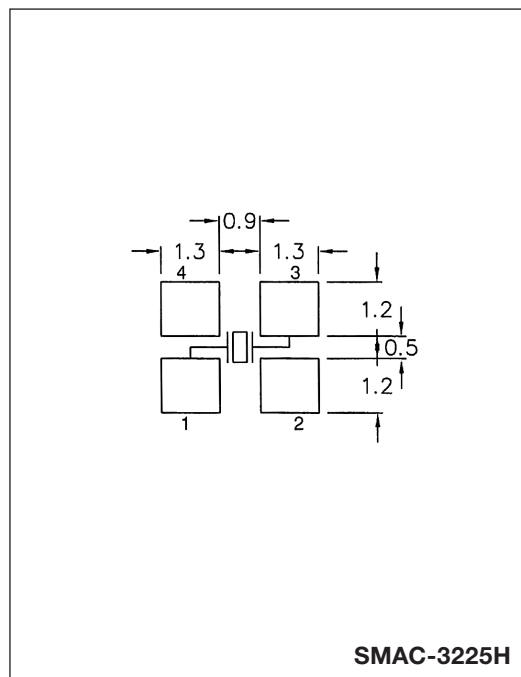
Frequency Range	$12 < f_0 \leq 16$	$16 < f_0 \leq 25$	$25 < f_0 \leq 30$	$30 < f_0 \leq 48$
ESR	120 Ω Max.	60 Ω Max.	50 Ω Max.	35 Ω Max.

Please consult our sales representatives for other specifications.
如對其他規格查詢，請與我司銷售人員聯繫

DIMENSION (mm)



SOLDERING PATTERN (mm)



All specifications are subject to change without prior notice.
本公司保留修改規格的權利。



INTERQUIP ELECTRONICS CO LTD
應達利電子有限公司

Flat A, 9th Floor, On Shing Industrial Building, 2-16 Wo Liu Hang Road, Fotan, N.T., Hong Kong
Tel: +852 2413 5515 Fax: +852 2413 7053 <http://www.interquip.com>

