

ALL CERAMIC CRYSTAL RESONATORS (SMD)

SMAC-1045



FEATURES

- All ceramic SMD package
- Ideal for compact size applications
- Wide frequency range
- Pb-free

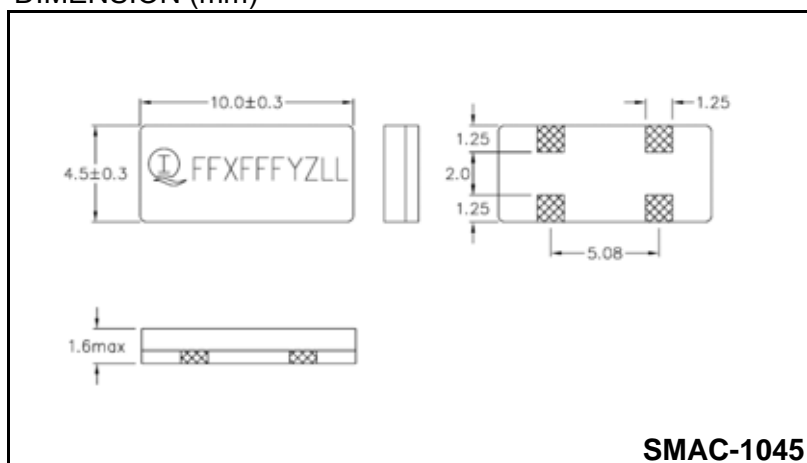


Item		Specifications
Nominal Frequency Range	f_0	3.2768MHz ~ 7.0MHz (Fundamental)
Frequency Tolerance, $T_a=25^{\circ}\text{C} \pm 3^{\circ}\text{C}$	$\Delta f/f$	$\pm 30\text{ppm}$
Load Capacitance	C_L	20pF
Frequency Tolerance over Operating Temperature Range	$\Delta f/f$	$\pm 30\text{ppm}$
Operating Temperature Range	T_{OPR}	$-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Storage Temperature Range	T_{STG}	$-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Drive Level	DL	0.1mW (0.5mW Max.)
Shunt Capacitance	C_0	7pF Max.
Insulation Resistance	IR	500M Ω Min.
Aging	Δf_A	$\pm 5\text{ppm/Year Max.}$

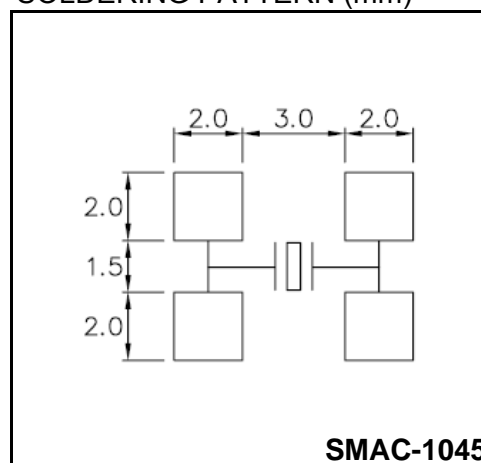
SERIES RESISTANCE (ESR)	
Frequency Range	$3.2768 < f_0 < 7.000$
ESR	150 Ω Max.

Please consult our sales representatives for other specifications.

DIMENSION (mm)



SOLDERING PATTERN (mm)



All specifications are subject to change without notice.



Interquip Electronics Co., Ltd

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