



# UK SIMAKE COMMUNICATION GROUP LTD

Model: SMK3225-25MHz (16pF)

## Scope

This specification applies to the RoHS/SONY compliance quartz crystal unit with a frequency of 25.000MHz which will be used in crystal oscillator applications.

3.2\*2.5\*0.8mm



## Frequency Parameters

■ Nominal Frequency (f):	25.000000MHz
■ Load Capacitance (CL):	16pF
■ Frequency Tolerance ( $\Delta f/f$ ):	$\pm 10$ ppm
■ Frequency Temperature Stability:	$\pm 30$ ppm
■ Resonance Resistance (ohm):	60ohms Max
■ Osc mode:	Fundamental mode
■ Shunt Capacitance (C0):	<2pF
■ Drive Level (DL):	< 100 $\mu$ W
■ Operating Temperature Range (TOPR):	-40 to + 85° C
■ Storage Temperature Range (TSTG):	-55 to + 125° C
■ Insulation Resistance (IR):	>500 M ohms
■ Aging ( $\Delta f_A$ ):	$\pm 3$ ppm per Year

## Reliability Specifications

This is the quality control and quality assurance and reliability tests performance data for the RoHS/SONY compliance

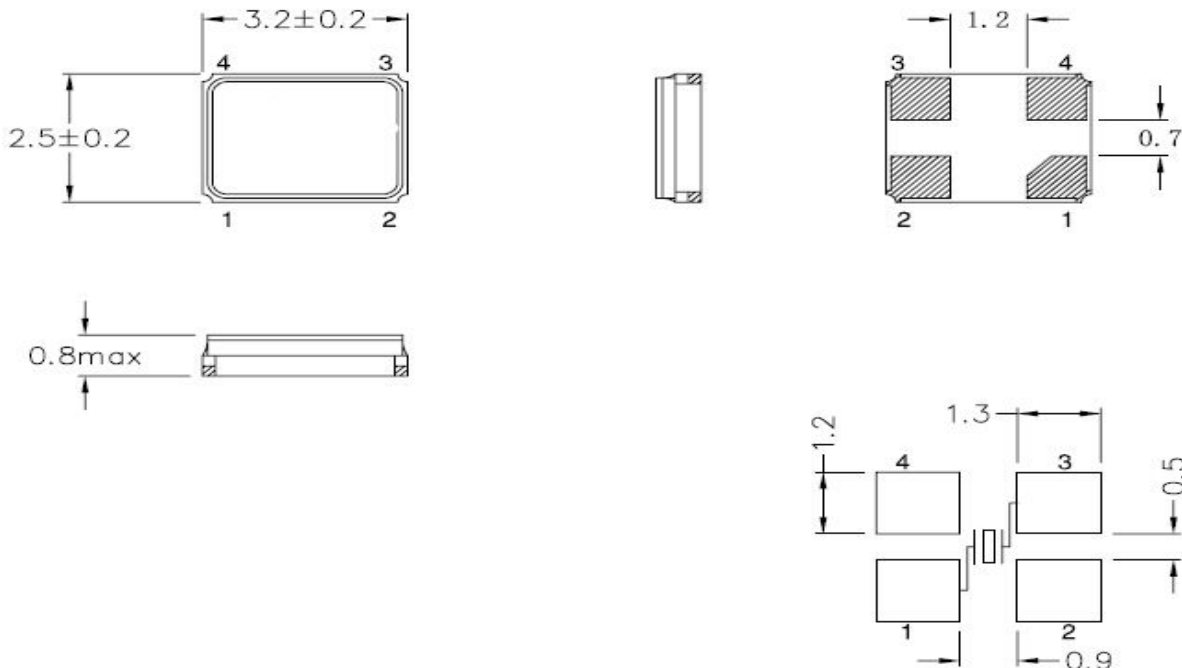
25.000MHz SMCE3225 4pads crystal resonators (P/N.:GM25000181T) related to the specification and approval sheet provided.

### 4. Reliability Specifications

Standard test condition (TEMP.:  $20 \pm 5^\circ$  C. Relative humidity:  $65 \pm 20\%$ )

For any discrepancy in GO/NG, test will be done at TEMP.  $25 \pm 2^\circ$  C, R.H.  $65 \pm 5\%$ .

### EXTERNAL DIMENSIONS



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