

CERAMIC ENCLOSURE CRYSTAL RESONATORS (SMD)

SMCE-3225



FEATURES

- Surface mount ceramic enclosures
- High reliability seam welded seal
- Ultra-light weight and ultra-miniature size
- Wide frequency range

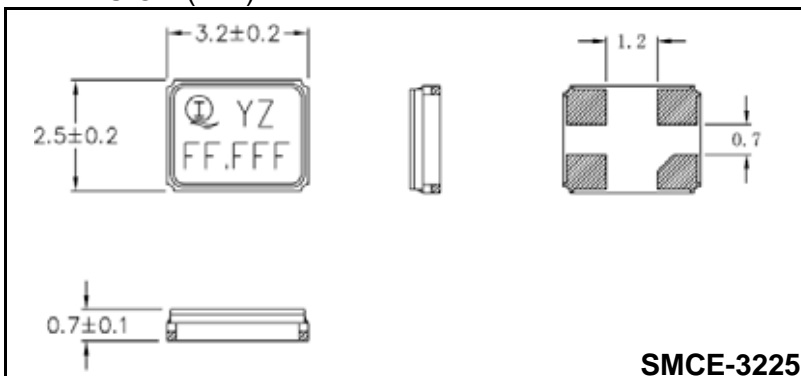


| Item | | Specifications |
|---|------------------|---|
| Nominal Frequency Range | f_0 | 12.0MHz ~ 50.0MHz (Fundamental) |
| Frequency Tolerance, $T_a=25^\circ\text{C} \pm 3^\circ\text{C}$ | $\Delta f/f$ | $\pm 30\text{ppm}$ |
| Load Capacitance | C_L | 18pF |
| Frequency Tolerance over Operating Temperature 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 | $\pm 3\text{ppm/Year Max.}$ |

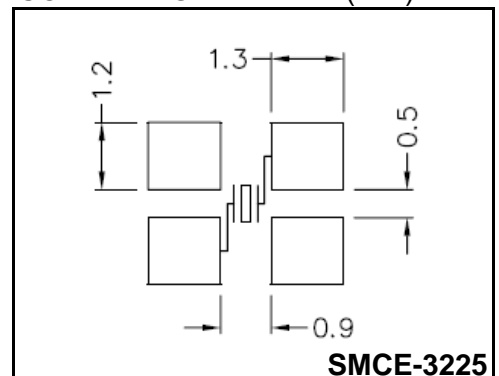
| SERIES RESISTANCE (ESR) | | |
|-------------------------|--------------------|--------------------|
| Frequency Range | $12 < f_0 \leq 25$ | $25 < f_0 \leq 50$ |
| ESR | 100 Ω Max. | 60 Ω Max. |

Please consult our sales representatives for other specifications.

DIMENSION (mm)



SOLDERING PATTERN (mm)



All specifications are subject to change without notice.



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