

SMD kHZ Crystals 7.4x1.5x1.4mm 146 Series



Features

.High-density mounting-type SMD .Photolithography finished allows uniform and performance .Excellent reliability and environmental capability.

Electrical Specifications

Item / Type

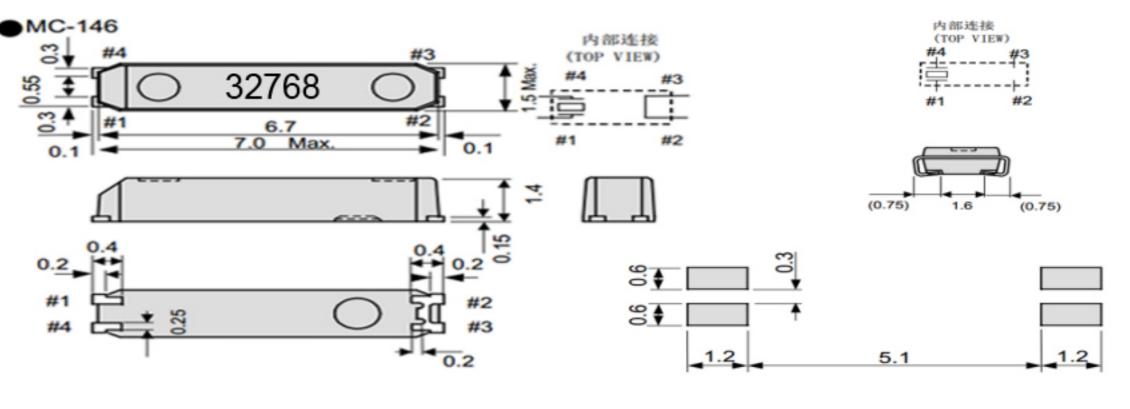
Norminal Frequency	32.768 kHz
Frequency Tolerance(at 25 ℃)	± 20 ppm
Operation Temperature Range	- 40 ~ + 85 °c
Shunt Capacitance (C0)	1.0pF typical
Motional Capacitance (C1)	3.4fF typical
Insulation Resistance (IR)	500 MΩ Min.
Drive Level (DL)	1.0 μW Max.
Load Capacitance(CL)	6PF ,7Pf ,9Pf, 12.5 pF ,
Turnover Temperature (Ti)	25 °C ± 5 °C
Parabolic Coefficient (B)	(-0.03 ± 0.01) * 10 ⁻⁶ / °c ²
Aging (at 25 ℃)	± 3 ppm at First year
Storage Temperature Range	–55 ~ +125 °c

Equivalent Series Resistance(ESR)

306

70 KΩ Max

Dimensions



Bottom View

Top View Suggested Layout

Units: mm