

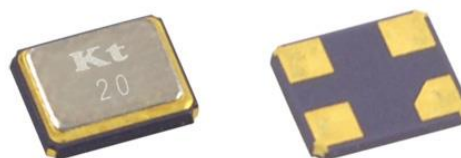
Kingtronics®

QKT - 2016SMD QUARTZ CRYSTAL

FEATURES

- The entire package can be grounded via the top metal lid and the two bottom pads
- Small footprint. Ideal for space constrained applications
- Exhibits extremely low aging with a high shock & vibration resistance

PICTURE



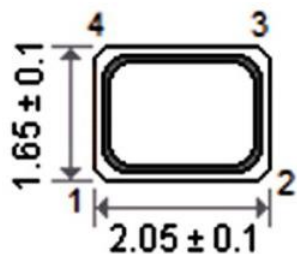
SPECIFICATIONS

Holder Type	2.0x1.6mm Ceramic Surface Mount
Frequency Range	20MHz to 54MHz (Fund.)
Crystal Cut //Load Capacitance	AT – Cut // Series or Parallel (8 to 32pF) resonance
Drive Level	10µW typical (100µW max.)
Frequency Tolerance (Δ F)	±10ppm, ±20ppm or ±30ppm (max.) at 25°C
Aging	Δ F/F: ±3ppm / year (max.)
Storage Temperature Range	-50°C to 105°C

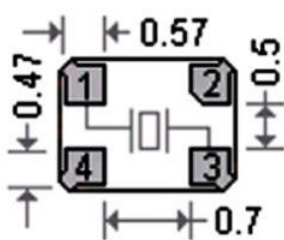
EQUIVALENT SERIES RESISTANCE(ESR)

Frequency Range	ESR (Ω)
20.000MHz ≤ f < 23.900MHz	120max
24.000MHz ≤ f < 29.900MHz	100max
30.000MHz ≤ f < 37.900MHz	80max
38.000MHz ≤ f < 54.000MHz	60max

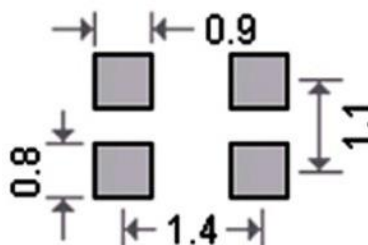
MECHANICAL DIMENSIONS: Unit: mm



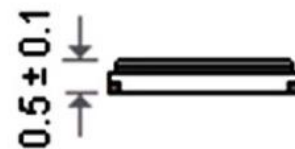
Top View



Bottom View



Suggested Layout



Pad Connections:
Pad 1 and 3: Crystal
Chamfered pad is pad No.2

Note: Specifications are subject to change without notice.

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