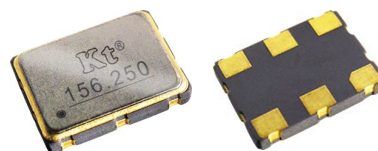
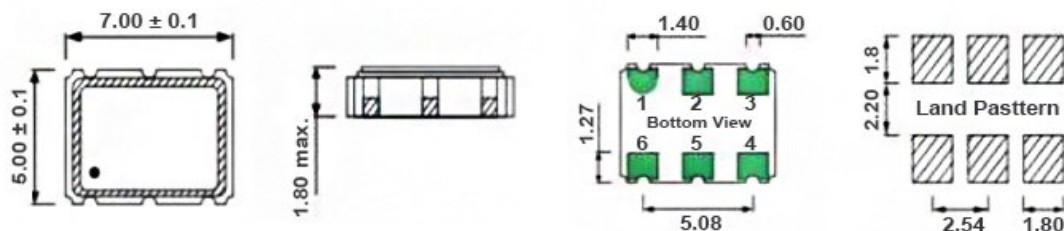


Kingtronics®**QKT-7S7050
DIFFERENTIAL CRYSTAL
OSCILLATOR****FEATURES**

LVDS LVPECL HCSSL
Wide Frequency Range
Low Operating Voltage: 1.8V/2.5V/3.3V
Tri-state Available

PICTURE**ELECTRICAL SPECIFICATIONS**

Frequency Range	10MHz to 250MHz
Output	LVDS, LVPECL, HCSSL
Supply Voltage	1.8V, 2.5V, 3.3V ($\pm 10\%$)
Frequency Stability	± 20 ppm
Operating Temperature Range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Current Consumption	100mA max.
Output Load	100 Ω between output and complementary output
Symmetry	45% to 55%
Start-up Time	3ms max.
Rise/ Fall Time	1ns max.
Output Enable/ Disable Time	Enable: 10ms max. Disable: 0.2 μs max.
Output Logic High "1"	70%VDD.
Output Logic Low "0"	30%VDD.
Phase Jitter	0.5psec. @12KHz to 20MHz
Storage Temperature Range	$-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Aging (at 25 $^{\circ}\text{C}$)	± 2 ppm/year max.

MECHANICAL DIMENSIONS: Unit: mm

SX7.6 PADS.7.0x5.0x1.8mm
Packing: T&R(1kpcs/reel)

Pin Connections:
#1:E/D
#2:N/C
#3:GND
#4:Output
#5:Complementary output.
#6:Vdd

Note: Specifications are subject to change without notice.

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