

K615

PLASTIC CRYSTAL OSCILLATORS



- PLASTIC Type OSC 14.0×9.8mm
 - Oscillation mode : Fundamental, 3rd overtone.
 - HCMOS / TTL Compatible output.
- Applications : Network equipment etc.

Standard Specification

Frequency range		32.768KHz, 0.750MHz to 200MHz
Supply voltage		2.5V, 3.3V, 5.0V (up to 125MHz)
Current consumption		45mA Max
Temperature range	Operating	-10°C to +70°C(std), -40°C to +85°C
	Storage	-55°C to +125°C
Frequency stability		± 50ppm Max, user spec
Output load condition		TTL, CMOS(15pF), user spec
Symmetry (Duty)		50% ±10%, user spec
Output rise and fall time (Tr/Tf)		10ns max, user spec
High output voltage (COMS / TTL)		90% Vdd / 2.4V Min
Low output voltage (CMOS / TTL)		10% Vdd / 0.4V Max
Pin 1 Function	Enable input voltage	70% Vdd Min, N.C
	Disable input voltage	30% Vdd Max
Oscillation start up time		5ms Max
Aging (Initial first year)		± 3ppm Max
Phase jitter (12KHz ~ 20MHz)		1 ps RMS Max
Period jitter(pk-pk)		25ps Max

Dimensions (mm)

• Recommended Soldering Pattern

CONNECTION

- #1 N.C or EN/DIS(Tri-State)
- #2 GND
- #3 OUTPUT
- #4 Vdd

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