

SMD TYPE CERAMIC CRYSTAL UNIT



NTL Series 2.5 x 2.0



FREE SAMPLES
RoHS compliant
ISO / Pb Free

Application :

- GPS
- Mobile Communication

Features :

- Crystal with Thermistor
- High frequency stability
- RoHS compliant / Pb free

Electrical Specification :

Model	NTL
1. Frequency	
Frequency Range	19.2 ~ 76.8MHz
Frequency Tolerance at 25°C±2°C	±10 ~ ±50 ppm (TYP.)
Frequency Stability Over Operating Temp Range	±10 ~ ±50 ppm (TYP.)
2. Environmental Condition	
Operating Temp Range	-10°C~ +60°C, -20°C~ +70°C or specify
Storage Temp Range	-40°C ~ +125°C
Aging Rate	±3ppm/year
3. Electrical Specifications	
Load Capacitance	7pF, 8pF or specify
Drive Level	1uW ~ 100uW or specify
4. Thermistor	
Resistance	100KΩ ±1%
B-Constant	4250K ±1%

* Above specification subject to change without prior notice, please consult our sales representative for more information*

SHENZHEN - Shenzhen Huilicheng Electronic Technology Co.,Ltd. HONGKONG - HUILICHENG ELECTRONICS(HK)CO.,LIMITED

Address: 6910b,Seg Plaza,No.1002 North Huaqiang Road,Fuqiang Community,Huaqiang North Street,Shenzhen,Guangdong,China

Tel: +86-0755-83576022

E-mail: hlc-zzw@hlcdzky.com

Fax: 0755-83778079

Web: <http://www.hlcdzky.com>

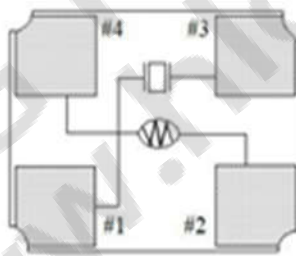
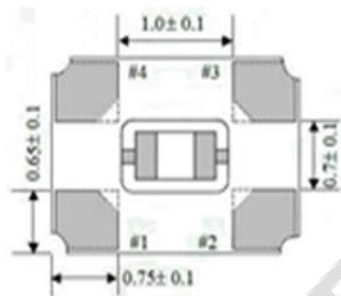
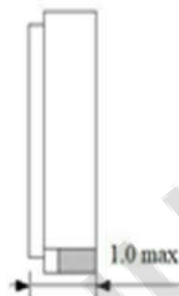
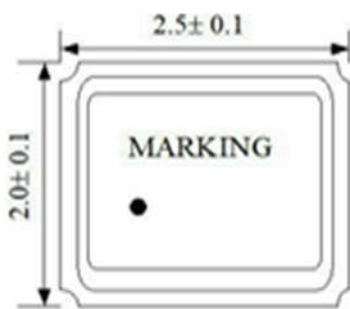
SMD TYPE CERAMIC CRYSTAL UNIT



Equivalent Series Resistance (ESR) V.S. Frequency:

Frequency (MHz)	Oscillation Mode	NTL
19.2 MHz ~ 76.8 MHz	Fundamental	80Ω

Dimensions (mm) :

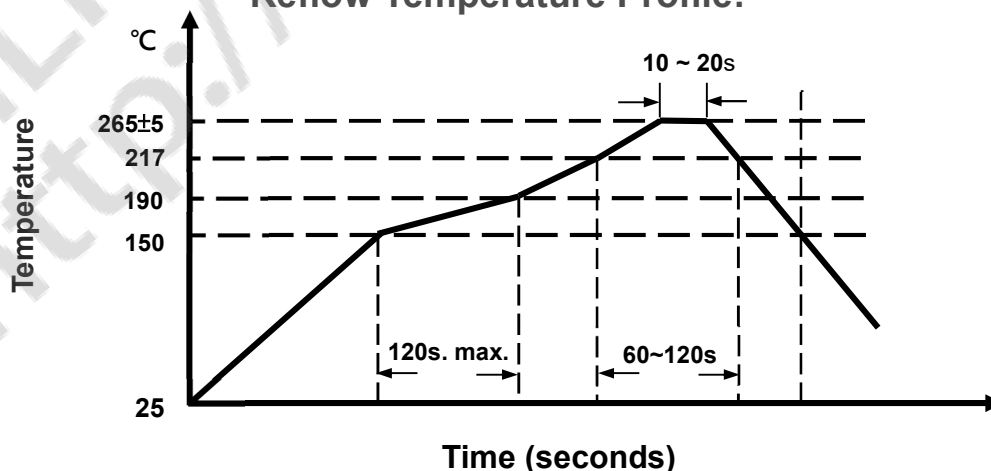


Pin Connect

#4 Sensor	#3 Crystal
#1 Crystal	#2 GND

Reflow Temperature Profile :

Reflow Temperature Profile:



* Above specification subject to change without prior notice, please consult our sales representative for more information*

SHENZHEN - Shenzhen Huilicheng Electronic Technology Co.,Ltd. HONGKONG - HUILICHENG ELECTRONICS(HK)CO.,LIMITED

Address: 6910b,Seg Plaza,No.1002 North Huaqiang Road,Fuqiang Community,Huaqiang North Street,Shenzhen,Guangdong,China

Tel: +86-0755-83576022

E-mail: hlc-zzw@hlcdzky.com

Fax: 0755-83778079

Web: <http://www.hlcdzky.com>