

SMD TYPE CERAMIC CRYSTAL UNIT



NXV Series 1.2 x 1.0



FREE SAMPLES
RoHS compliant
ISO / Pb Free



Application :

- Office automation equipment
- Audio-visual equipment
- Radio communication
- TCXO
- GPS

Features :

- Packing in embossed carrier tape realize auto SMT
- Excellent vibration resistance & shock resistance
- RoHS compliant / Pb free
- Excellent solderability
- Seam welding



Electrical Specification :

Model	NXR-11
1. Frequency	
Frequency Range	26.0 ~ 80.0 MHz
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	
Test Circuit	S&A 250B
Load Capacitance	8pF, series or specify
Drive Level	1uW ~ 100uW or specify
Shunt Capacitance	3.0pF max

* 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@hlc-dzjkj.com

Fax: 0755-83778079

Web: <http://www.hlc-dzjkj.com>

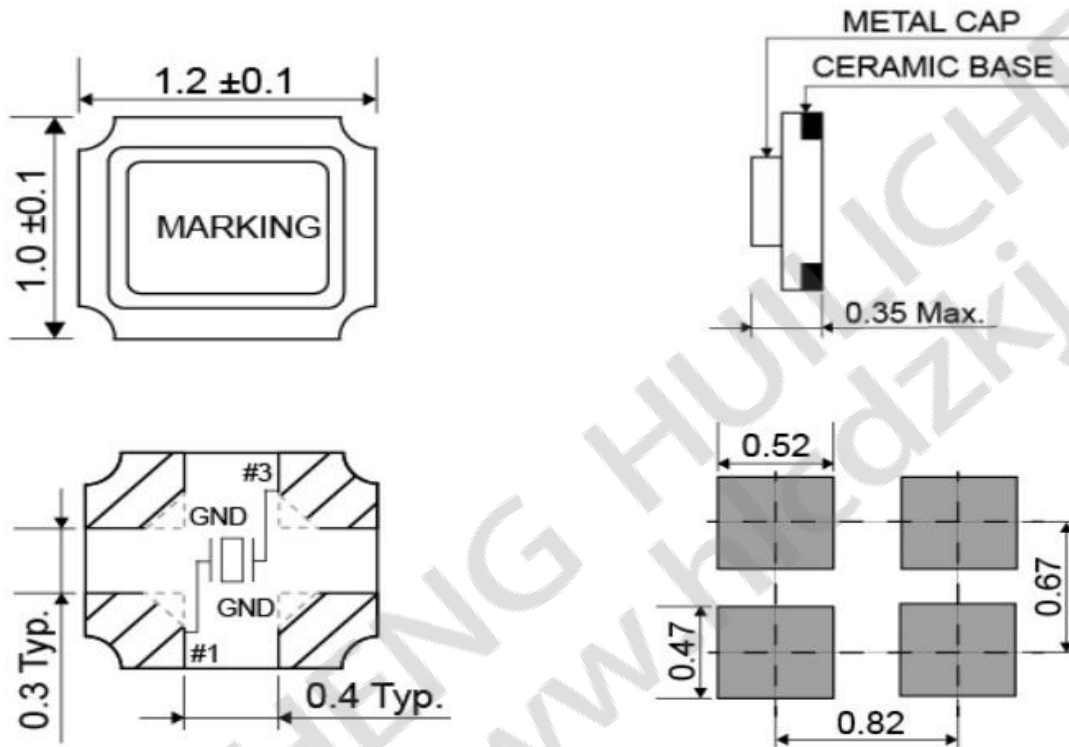
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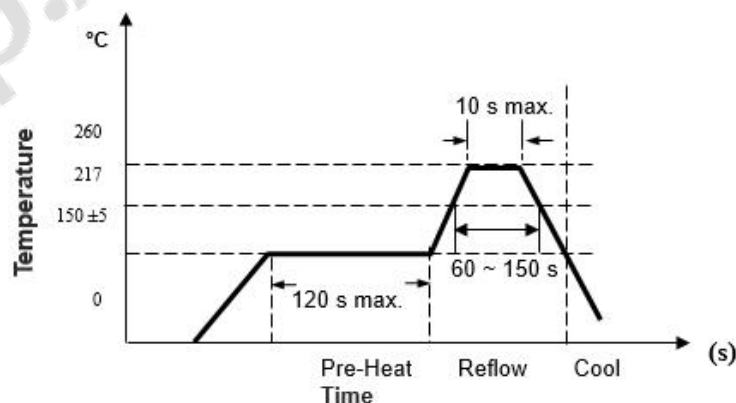
Equivalent Series Resistance (ESR) V.S. Frequency:

Frequency (MHz)	Oscillation Mode	NXV-11
26.0 MHz ~ 40.0 MHz	Fundamental	110Ω
40.1 MHz ~ 80.0 MHz	Fundamental	80Ω

Dimensions (mm) :



Reflow Temperature Profile :



This is the recommendation for soldering or mounting the unit at less than 260 °C for 10 seconds by hand or by reflow. An example of the infrared reflow soldering temperature profile is shown above. Heating the unit more than the recommended temperature may deteriorate the characteristics of the unit or damage the unit.