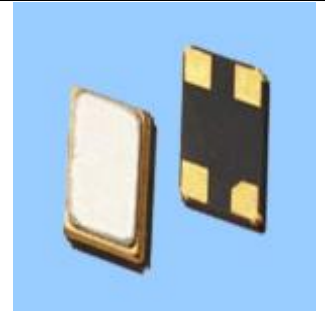




无源贴片晶振SMD2520

Features

- Rugged AT-cut crystal construction.
- Miniature 2.5*2.0mm ceramic package.
- Designed for automatic mounting and reflow soldering.
- Embossed tapping specification.
- Pb-free and ROHS/Green compliant.



Applications

- Ideally suited designed for Bluetooth wireless communication sets, HDD, DSN, PDA, GPS Digital Tuner, Wireless LAN and mobile phone.

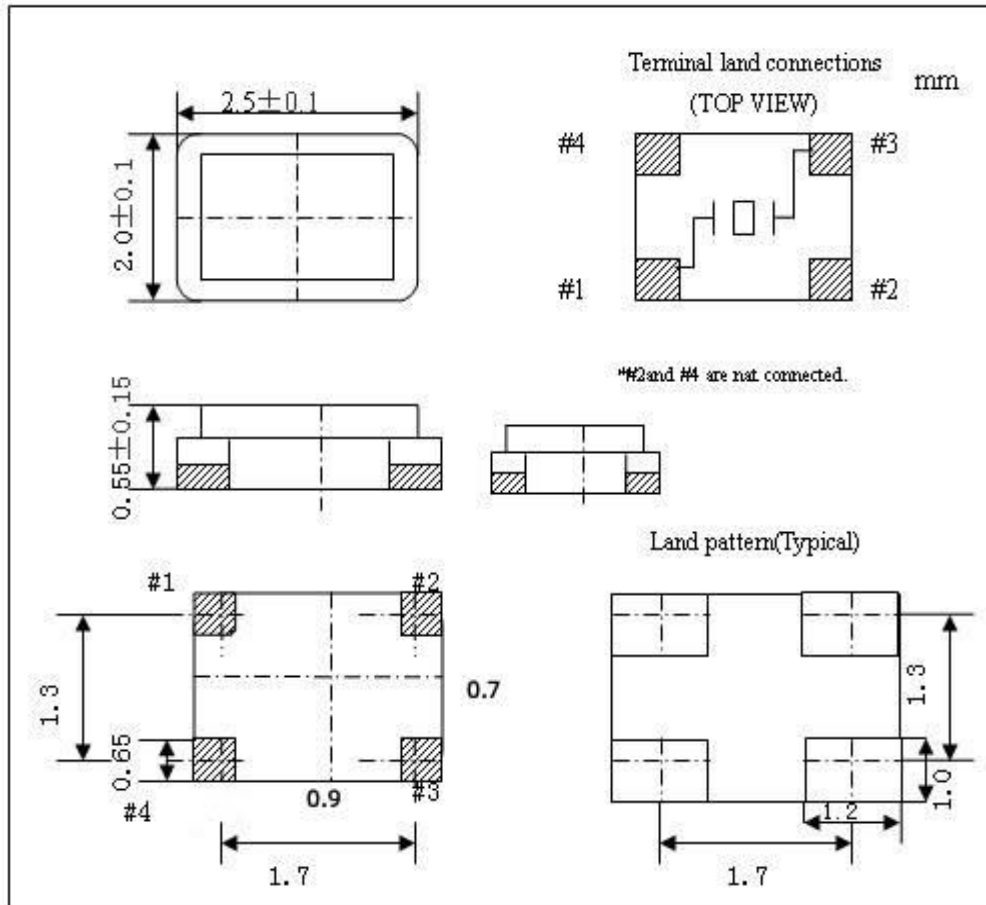
Specifications

项目Item	技术Specifications
型号Holder Type	SMD2520
频率范围 Frequency Range	16MHz to 54MHz
温度频差Frequency Drift	$\pm 10\text{PPm}$ to $\pm 30\text{PPm}$ ※(See Notes)
工作温度Operaing Temp	-20°C to 70°C / -40°C to 85°C
储存温度Storage Temp	-40°C to 85°C / -55°C to 125°C
老化能力 Aging (25°C)	$\pm 5\text{PPm/year}$ Maximum
静电容Shunt Capacitance(C0)	7pF maximum
激励功率Drive Level	10 μW (100 μW max.)
绝缘阻抗Insulaton Resistance(Rs)	500 Megaohms Minimum at D, C100V
负载电容Load Capacitance (CL)	Suggested by customer
※Notes; ± 10 , ± 20 , $\pm 30\text{ppm}$ (-20°C to 70°C) ± 20 , ± 30 , $\pm 50\text{ppm}$ (-40°C to 85°C) or depends on customer	

Equivalent Series Resistance and Mode of Operation

Frequency (MHz)	Mode	ESR(Ω) Max			
$16\text{MHZ} \leq F < 20\text{MHZ}$	Fund.	100			
$20\text{MHZ} \leq F < 30\text{MHZ}$	Fund.	80			
$30\text{MHZ} \leq F < 40\text{MHZ}$	Fund.	60			
$40\text{MHZ} \leq F < 54\text{MHZ}$	Fund.	40			

■ Dimensions



■ Reflow Condition

