

Crystal Oscillator

OSC SMD3225



Applications

- Mobile phone / Wireless-LAN / PC-Card / DVD / DVC / DSC etc..

Features

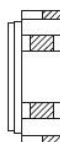
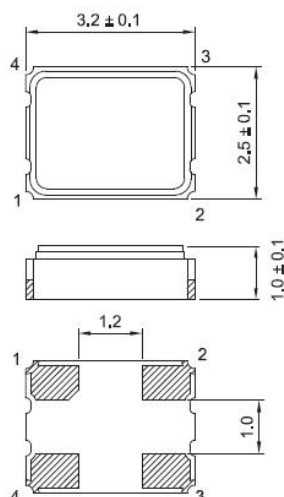
- Ceramic package / Dimensions (3.2×2.5×0.9)
- SMD Package / Low power supply voltage
- Low current consumption
- Wide range operating temperature (-40~85°C)
- Enable / Disable feature



Electrical Specifications

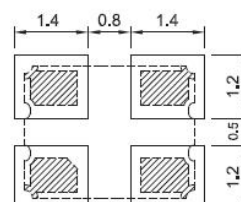
Item / Type	
Output Type	CMOS
Output Load	15 pF
Oscillation Mode	Fundamental / 3rd Overtone
Supply Voltage	3.3V (1.8V, 2.5V available)
Frequency Range	1 ~ 106.25 MHz
Frequency Stability	± 50 ppm (-10 ~ + 70 °C), or specify
Operating Temperature Range	- 40 ~ + 85 °C
Storage Temperature Range	- 55 ~ + 125 °C
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD
Rise (Tr) / Fall (Tf) Time	10 ns Max.
Supply Current	20 mA Max.
Symmetry	45 ~ 55 %
Start-up Time	10 ms Max.
Phase Jitter (12 KHz ~ 20 MHz)	1 ps Max.
Aging (at 25 °C)	± 3 ppm / year Max.

Dimensions



PAD FUNCTION:
 1:ENABLE CONTROL
 2:GND
 3:OUT
 4:VDD

Suggested Layout



Units:mm