

32.768kHz SMD Crystal Oscillator



Size: 2.5×2.0×0.80 mm

2D Series 32.768kHz SMD 2520 Oscillator

Features

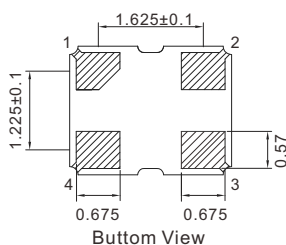
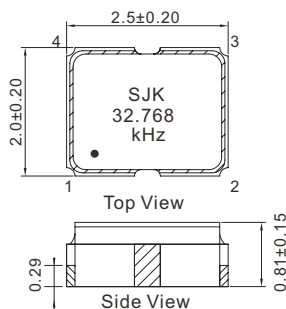
- 2520 size, 0.8mm high
- Operation voltage: 1.8V, 2.5V, 3.3V
- Built-in ASIC enables reduction of current consumption
- 3-state function available
- Automatic mounting and reflow soldering
- Applications: RTC application, DSC, HDTV, Car navigation, IoT, etc
- RoHS Compliant /Pb Free



Standard Specification

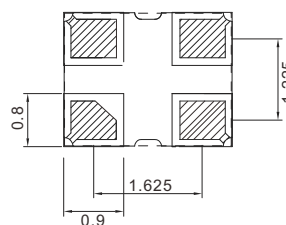
Item /Type	2D (32.768kHz SMD 3225 Oscillator)
Output Type	CMOS
Output Load	15pF, or specify
Supply Voltage	3.3V
Nominal Frequency	32.768kHz
Supply Current	70mA Max.
Frequency Stability	±20ppm~±50ppm, or specify
Operating Temperature	-40~+85°C, or specify
Storage Temperature	-55~+125°C
Voltage Vol (Max.) /Voh (Min.)	0.1 Vcc /0.9Vcc
Rise (Tr) /Fall (Tf) Time	50ns Max.
Start-up Time	2ms Max.
Duty Cycle	45~55%
3-state Voltage Vol (Max.) /Voh (Min.)	0.3Vcc /0.7Vcc
Packing Unit	3000pcs./Reel

Dimensions [mm]



Pin Connections

Pin No.	Connection
1	OE
2	GND
3	Output
4	Vcc



Top View Suggested Layout