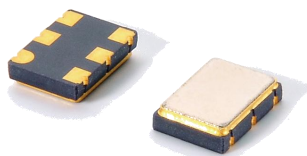
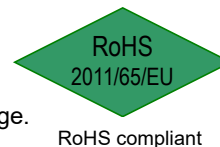


DIFFERENTIAL OUTPUT CRYSTAL OSCILLATOR SMD2520



6 Pad LVDS Version 2.5×2.0 mm

- ±30ppm stability available
- Quartz Crystal Differential Oscillator.
- High precision characteristic covering up to wide frequency range.
- High stability, low jitter, low power consumption.

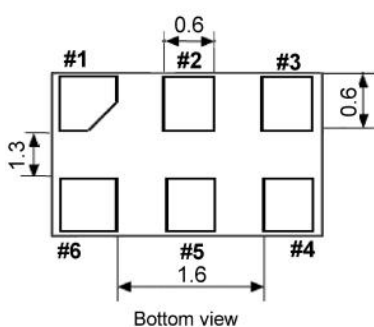
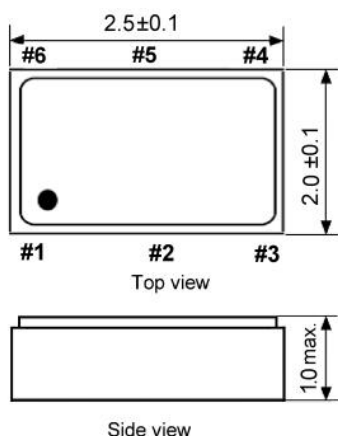


★ PARAMETERS

PARAMETERS	SPECIFICATION
Output Type	LVDS
Frequency Range	13.5 ~ 250MHz
Supply Voltage	1.8V, 2.5V~3.3V
Frequency Stability	±30ppm, ±50ppm, or specify
Current Consumption	40mA Max.
Operating Temp. Range	-40~+85℃、-40~+105℃
Storage Temp. Range	-55~+125℃
Voltage Vol(Min.)/Voh(Max.)	0.9V/1.6V
Symmetry	45% ~ 55%
Rise/Fall Time	1.0nS Max.
Start-up Time	10.0mS Max.
Phase Jitter(12KHz~20MHz)	1.0ps Max.

⊙ All specification subject change without notice.

★ DIMENSIONS& LAND PATTERN LAYOUT (Unit: mm)



PIN	Function
#1:	E/D
#2:	NC
#3:	GND
#4:	Q OUT
#5:	QN OUT
#6:	VDD

★ PART NUMBER GUIDE

e.g. FXO125.000M3.3SM2L-50D (*SM2L=2.5×2.0 LVDS TYPE)

Logo	Type	Frequency	Supply Voltage	Package & Output Type	Frequency Stability	Operating Temp.
F	XO	125.000M	3.3	SM2L	50	D