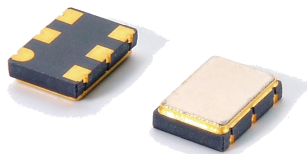
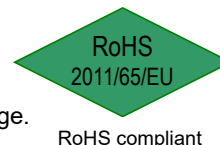


DIFFERENTIAL OUTPUT CRYSTAL OSCILLATOR SMD2520

6 Pad LVPECL 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.

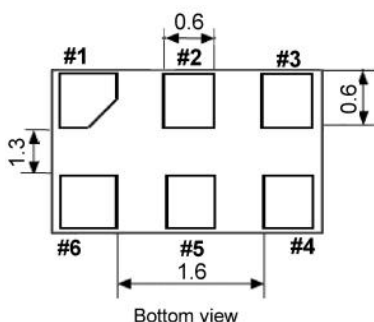
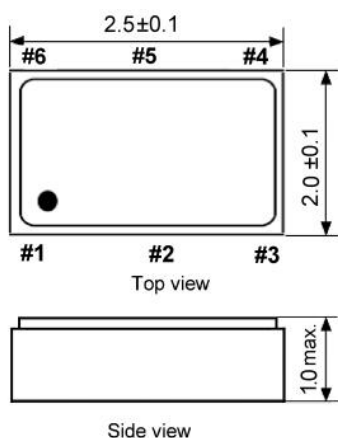


★ PARAMETERS

PARAMETERS	SPECIFICATION
Output Type	LVPECL
Frequency Range	13.5 ~ 250MHz
Supply Voltage	2.5V, 3.3V
Frequency Stability	±30ppm, ±50ppm, or specify
Current Consumption	50mA 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. FXO125.000M3.3SM2P-50D (*SM2P=2.5×2.0 LVPECL TYPE)*

Logo	Type	Frequency	Supply Voltage	Package & Output Type	Frequency Stability	Operating Temp.
F	XO	125.000M	3.3	SM2P	50	D