

PCB BASE SMD TCXO / VCTCXO (9.0 x 7.0 x 2.5mm)

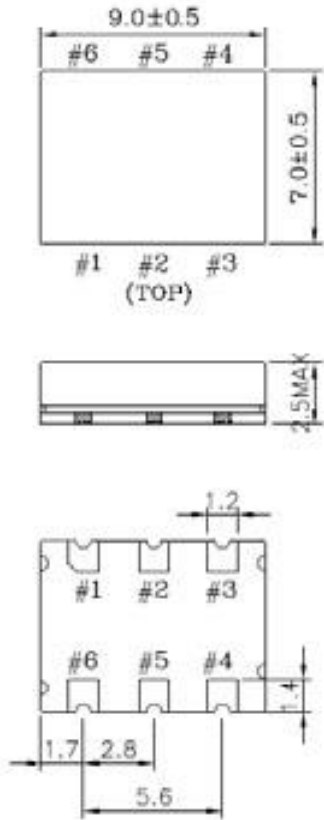
FEATURES

- STABILITY UP TO $\pm 0.5\text{ppm}$
- LVPECL / LVDS
- 2.8V / 3.3V / 5.0V

■ SPECIFICATION

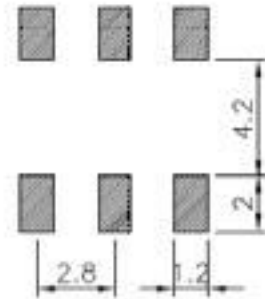
PARAMETER			MIN.	TYP.	MAX.	UNIT	NOTE
FREQUENCY RANGE			50		1500	MHz	
FREQUENCY TOLERANCE					±1.0	ppm	@25°C
FREQUENCY STABILITY	vs. TEMPERATURE RANGE		±0.5		±5.0	ppm	See P/N guide for options
	vs. LOAD ± 10%				±0.2	ppm	
	vs. SUPPLY VOLTAGE ± 5%				±0.2	ppm	
	vs. AGING				±1.0	ppm	
OPERATING TEMPERATURE RANGE			-40		85	°C	See P/N guide for options
STORAGE TEMPERATURE RANGE			-55		125	°C	
SUPPLY VOLTAGE ±5%			2.8		5.0	V	See P/N guide for options
SUPPLY CURRENT	3.3V				60	mA	
	5.0V				100	mA	
OUTPUT	LVPECL	LOAD	50			Ω	
		VoL LEVEL			VDD-1.620	V	
		VoH LEVEL	VDD-1.025			V	
		DUTY CYCLE	45		55	%	
		Tr / Tf			1	nS	
	LVDS	LOAD		100		Ω	
		VoL LEVEL		1.43		V	
		VoH LEVEL		1.10		V	
		DUTY CYCLE	45		55	%	
		Tr / Tf			1	nS	
		VOD		330		mV	Differential Output Voltage
		VOS		1.2		V	Offset Voltage
VCTCXO OPTION	PULLABILITY		±5			ppm	See P/N guide for options
	CONTROL VOLTAGE	3.3V	0.15	1.65	3.15	V	
		5.0V	0	2.5	5.0	V	
PHASE NOISE		@ 100.000MHz		-130		dBc/Hz	@1KHz offset
		@311.040MHz		-100		dBc/Hz	@1KHz offset

■ PACKAGE DIMENSIONS (mm)

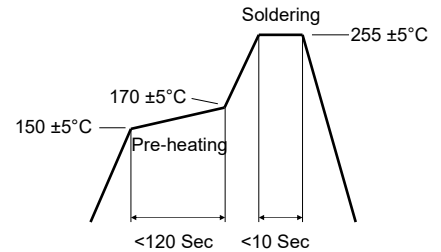


Pin Configuration		
	VCTCXO	TCXO
1	NC	NC
2	V con	NC
3	GND	
4	OUTPUT	
5	NC	
6	Vcc	

■ SOLDER PATTERN (mm)

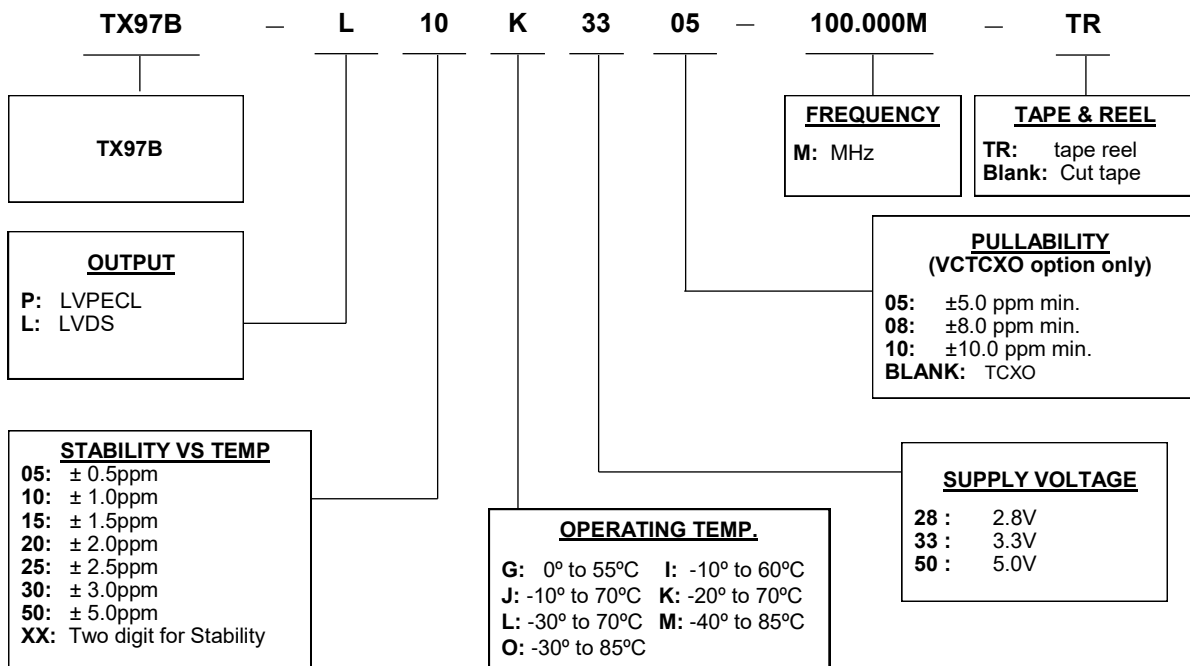


■ REFLOW PROFILE



Note: Consult factory for detail

■ PART NUMBERING GUIDE



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