

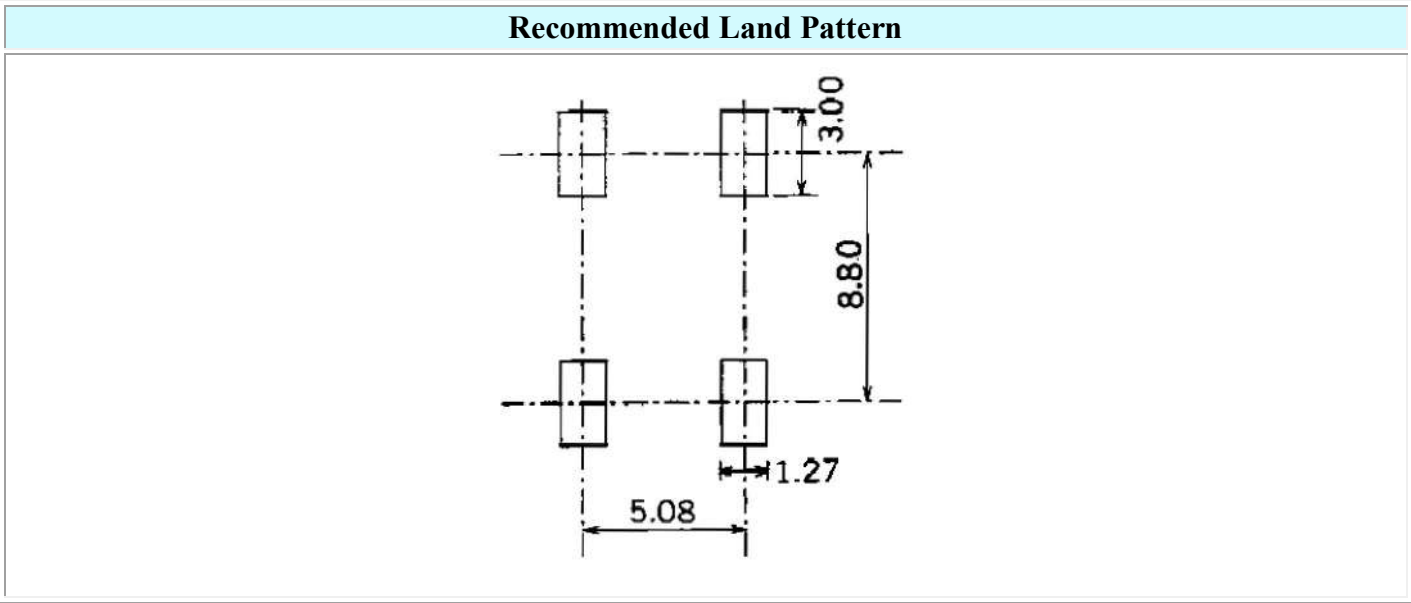
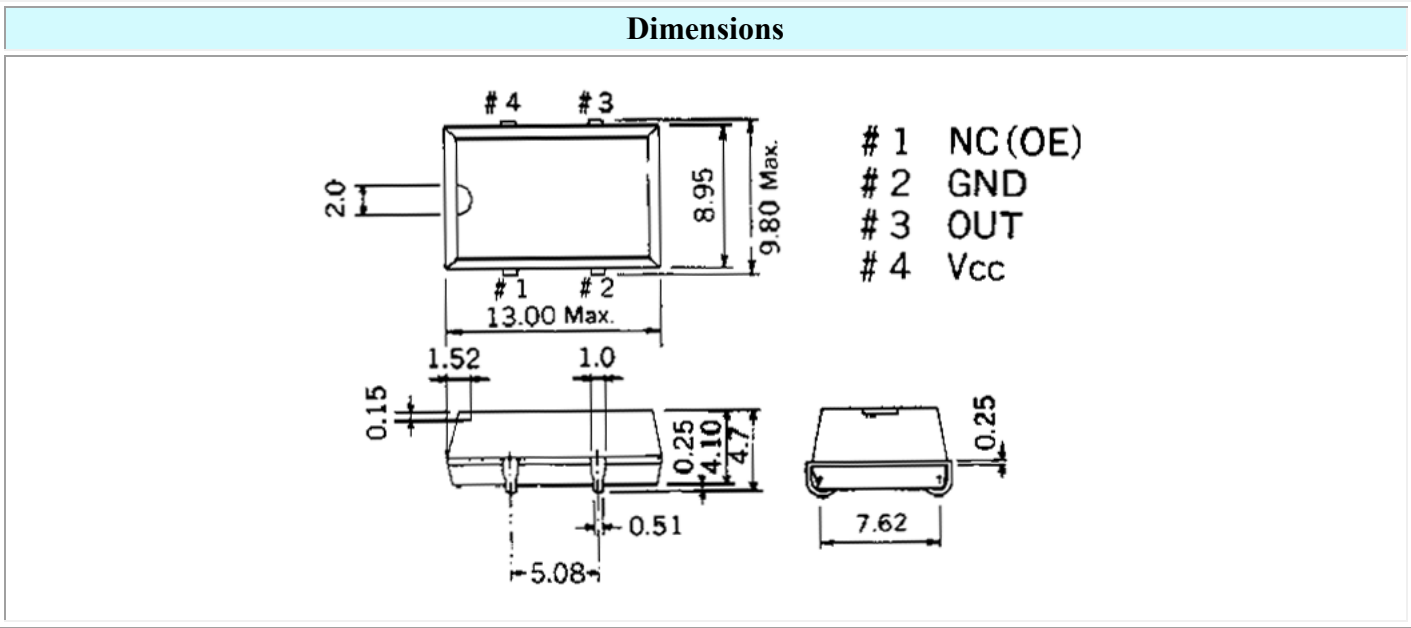
SURFACE MOUNT CRYSTAL OSCILLATOR

SMO-10 Series (5.0V)

Standard Specifications					
TYPE	Standard	SMO-14	SMO-15	SMO-16	Conditions
	With Tri-State	SMO-14T	SMO-15T	SMO-16T	
Frequency range		1.0~50MHz	1.0~70MHz		-
Frequency tolerance		±100ppm, ±50ppm			0℃~+70℃
Operating temperature range		0℃~+70℃			-
Storage temperature range		-50℃~+125℃			-
Supply voltage	Vcc	5.0±0.5V			-
Current consumption		1.0~25MHz : 15mA 25~50MHz : 30mA 50~70MHz : 45mA			
Output signal	VOH	+2.4V Min./ Vcc-0.5V Min.	+2.4V Min.	Vcc-0.5V Min.	-
	VOL	+0.4V Max../ +0.5V Max.	+0.4V Max.	+0.5V Max.	-
Output load	1.0~50MHz	10TTL/50pF	10TTL	50pF	-
	50~70MHz	-	5TTL	30pF	-
Rise & Fall time		1.0~40MHz : 8nsec. Max. 40~70MHz : 6nsec. Max.			-
Duty cycle		40/60			%
For SMO-14T, 15T, 16T					
Enable-Disable		Input pin#1	Output pin#3		-
		H or open (2.0V Min.)	RF-signal		
		L (0.8V Max.)	HIGH Z		
OE Oscillation time		100ns Max.			-
All specifications subject to change without notice					

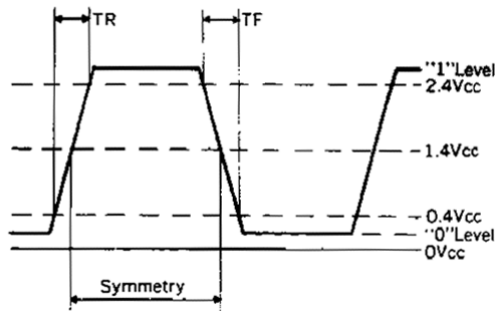
Ordering information			
SMO-1(a)(b)(c)(d)	(a) Type	4	TTL/HCMOS Compatible
		5	TTL Compatible
		6	HCMOS Compatible
	(b) Tri-state	Nil	Without Tri-state
		T	With Tri-state

	(c) Tolerance	B	±50ppm
		C	±100ppm
		D	±200ppm
	(d) Duty & Freq. range	N	40/60% -10℃～+70℃
		F	45/55% -20℃～+70℃
		A	40/60% -20℃～+70℃
		B	40/60% -40℃～+85℃
		D	45/55% -10℃～+70℃
		G	45/55% -40℃～+85℃

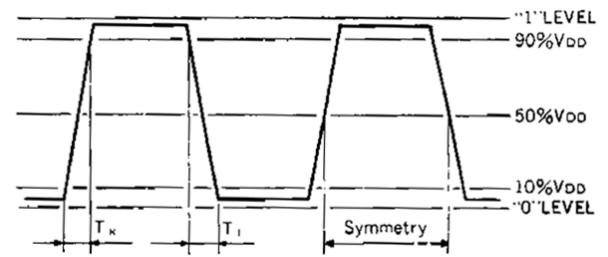


Output Wave Form

TTL

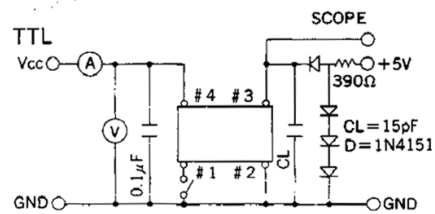


C-MOS

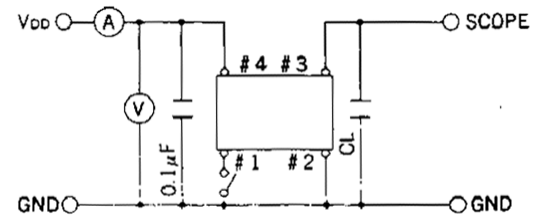


Test Circuit

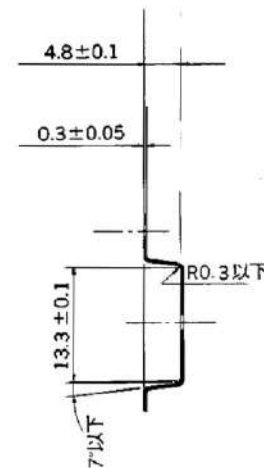
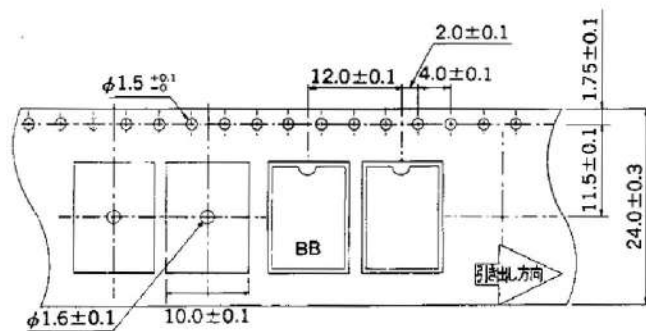
TTL

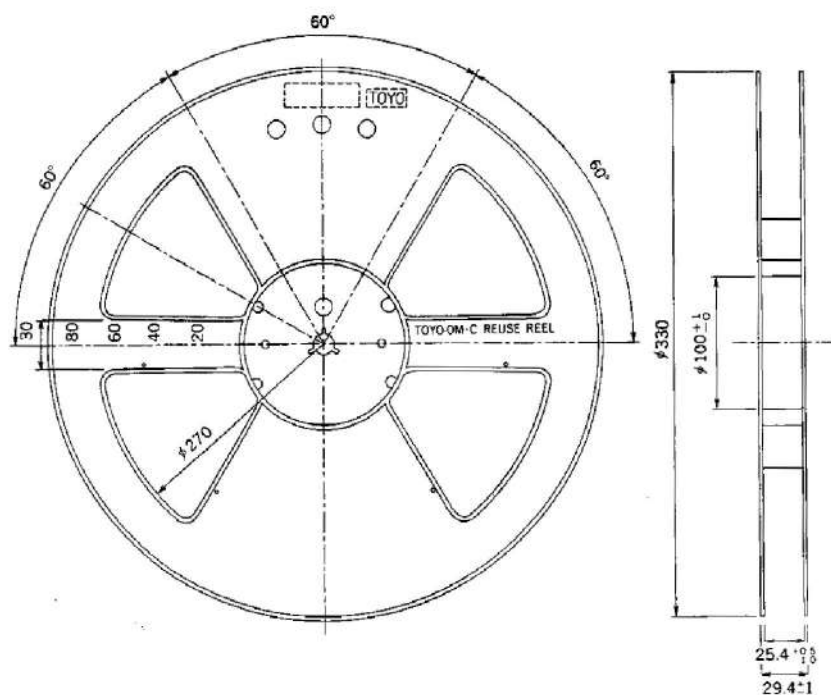


C-MOS



Tape & Reel





Внимание: описание товара носит информационный характер и может отличаться от описания, представленного в технической документации производителя. Убедительно просим Вас при покупке проверять наличие желаемых функций и характеристик.



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