

STANDARD THROUGH HOLE OSCILLATOR (20.8 x 13.2 x 7.24mm)

FEATURES:

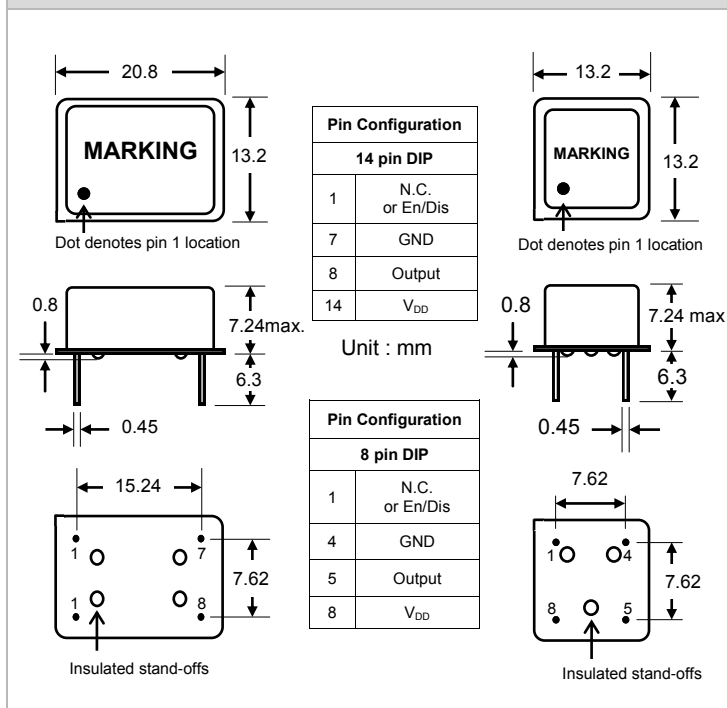
- WIDE FREQUENCY RANGES
- FAST DELIVERY
- LOW COST



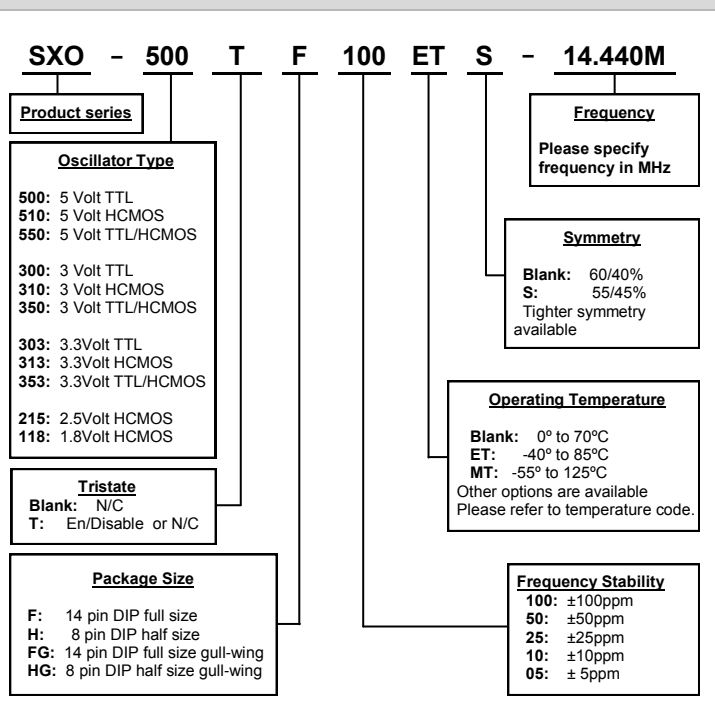
SPECIFICATION

FREQUENCY RANGE		5kHz ~ 300MHz		
FREQUENCY STABILITY		±5ppm ~ ±100ppm (Consult factory for tighter stability)		
OPERATING TEMPERATURE RANGE		STD: 0°C ~ 70°C (See P/N guide for other options)		
STORAGE TEMPERATURE RANGE		-55°C ~ 125°C		
SUPPLY VOLTAGE ± 10%		1.8V _{DC} ~ 5.0V _{DC}		
SUPPLY CURRENT		10mA max. @ 10.000MHz / 15mA max. @ 30.000MHz 30mA max. @ 60.000MHz / 40mA max. @ 120.000MHz		
OUTPUT	LOGIC FAMILY	TTL	CMOS	HCMOS/TTL
	LOAD	1~10 TTL	15pF	15pF // 1~10 TTL
	LEVEL LOGIC '1' (V _{OH})	2.4V _{DC} min.	0.9 x V _{DD} min.	0.9 x V _{DD} min.
	LEVEL LOGIC '0' (V _{OL})	0.4V _{DC} max.	0.1 x V _{DD} max.	0.1 x V _{DD} max.
	SYMMETRY(DUTY CYCLE)	40% / 60% (1.4V _{DC}) min.	40% / 60% (V _{DD} /2) min.	40% / 60% (V _{DD} /2 and 1.4V) min.
	RISE AND FALL TIME (Tr/Tf)	f < 1MHz: 20nS max. f ≥ 1MHz : 8.0nS max.		
	START-UP TIME	10mS max.		
STAND-BY VOLTAGE	ENABLE (V _{IH})	0.7 x V _{DD} ≤ V _{IH} ≤ V _{DD} or N/C		
	DISABLE (V _{IL})	V _{IL} ≤ 0.3 V _{DD}		
AGING @ 25°C ± 3°C		±3.0ppm / 1 st year max.		
PHASE JITTER RMS (12kHz ~ 20MHz)		1pS max.		

PACKAGE DIMENSIONS



PART NUMBERING GUIDE



Transko Electronics, Inc reserves the right to make changes to the product (s), service (s), and specification (s) described herein without notice. See "Terms of Sale" for details on our website.