

SURFACE MOUNT TEMPERATURE-CONTROLLED CRYSTAL OSCILLATORS (Rohs Compliant / Lead Free)

TCXO 7x5mm (AP-TCXO75 Series)

APX - Crystal

- SPECIFICATIONS

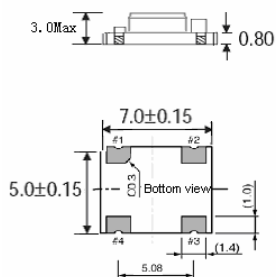
FREQUENCY RANGE		1.25MHz TO 40MHz		
STANDARD FREQUENCY		10, 12.8, 13, 19.2, 20, 26, 40MHz		
FREQUENCY STABILITY	TEMPERATURE	±2.5PPM	±1PPM	±0.5PPM
	SUPPLY VOLTAGE	±0.2PPM(Vcc±5%)		
	AGING (+25°C)	±1PPM/YEAR MAX.		±0.5PPM/YEAR MAX.
TEMPERATURE RANGE	OPERATING	-30°C TO +70°C		-40°C TO +85°C
	STORAGE	-45°C TO +90°C		
POWER SUPPLY VOLTAGE (VCD)		+2.7V TO +5.25V		
CURRENT CONSUMPTION		3mA Max. (Load)		
OUTPUT	LOAD	10k / 10pF		
	LEVEL	0.8Vp-p Min.		
	WAVEFORM	HCMOS / TTL, Clipped Since Wave		
	PHASE NOISE (@1.0KHz) [dBc/Hz]**	-130dBc / Hz Typ.(@1.0KHz)		
EXTERNAL CONTROL FUNCTION	FREQUENCY TUNING RANGE	N/±8PPM MIN. (POSITIVE)		
	EXTERNAL CONTROL VOLTAGE	N/+1.5V±1V / +1.65±1V		



• Do not clean this TCXO by ultrasonic wave or liquid.

* Performance vary based on different specification.

- OUTLINE DIMENSIONS

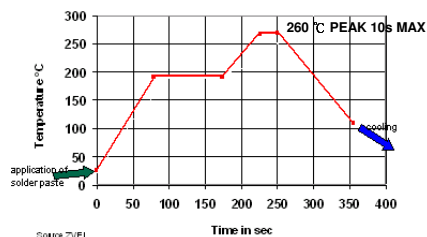


Pin Connections

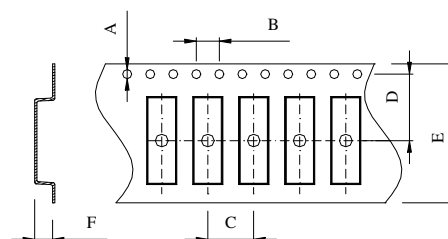
#1	Vc/Nc
#2	GND
#3	Output
#4	Vcc

Unit: mm

- SOLDER REFLOW PROFILE



- CARRIER TAPE DIMENSIONS (1,000 pcs/reel)



A	B	C	D	E	F
1.5±0.1	4.0±0.1	8.0±0.1	7.5±0.1	16.0±0.3	2.0±0.1

ORDERING CODE SYSTEM (VERSION 1.1 UPDATED MAY 2008)				EXAMPLE:
SERIES	STABILITY	FREQUENCY	INPUT VOLTAGE	AP-TCXO7505-40-2.7
AP-TCXO75	05: ±0.5PPM 25: ±2.5PPM 1: ±1PPM	IN MHZ	2.7	

NON STANDARD FREQUENCIES AND SPECIFICATIONS ARE AVAILABLE ON REQUEST

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Specifications are subject to change without notice