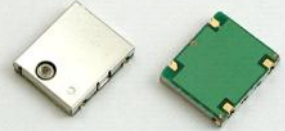


TCXO/VCTCXO MINIATURE SMD (11.4 x 9.8 x 2.8mm)

FEATURES:

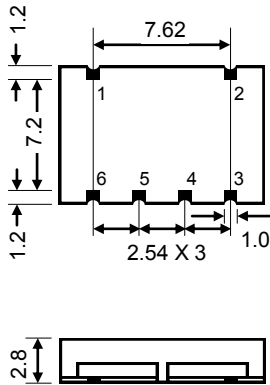
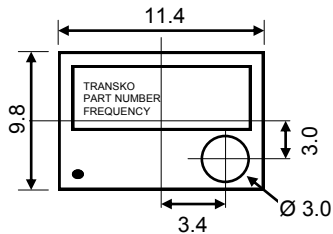
- WIDE FREQUENCY RANGES
- TIGHT STABILITY AVAILABLE
- SUITABLE FOR REFLOW

RoHS
Compliant



MODEL		TX - F	
FREQUENCY RANGE		1.000MHz ~ 50.000 MHz	
FREQUENCY STABILITY	vs. OPERATING TEMPERATURE	± 0.5ppm ~ ±10ppm (Refer to P/N Guide Below)	
	vs. VOLTAGE ±5%	±0.3 ppm max.	
	vs. LOAD ±10%	±0.2 ppm max.	
AGING		±1ppm max / year	
OPERATING TEMPERATURE		Up to -40°C ~ +85°C (Refer to P/N Guide Below)	
STORAGE TEMPERATURE		-55°C ~ +125°C	
OUTPUT	TYPE	CMOS / TTL (Option R & S)	Clipped sinewave (Option P)
	LOAD	15pF / TTL 2	10KΩ // 10pF
	LEVEL	CMOS / TTL Comp.	1V p-p min (5V) 0.8V p-p min (3.3V)
SUPPLY	CURRENT	30 mA Max.	2.0 mA Max.
	VOLTAGE	5 V ±5% (Standard) or 3.3V ±5% (Option Z)	
FREQ. ADJUSTMENT		± 3 ppm min via Mechanical Trimmer	
VC OPTION (VTXOnly)	PULLABILITY	±5ppm or ±10ppm (Higher Pullability Available)	
	CONTROL VOLTAGE	2.5V ±2.0V (5V Supply) 1.65V ±1.5V (3.3V Supply)	

PACKAGE DIMENSIONS

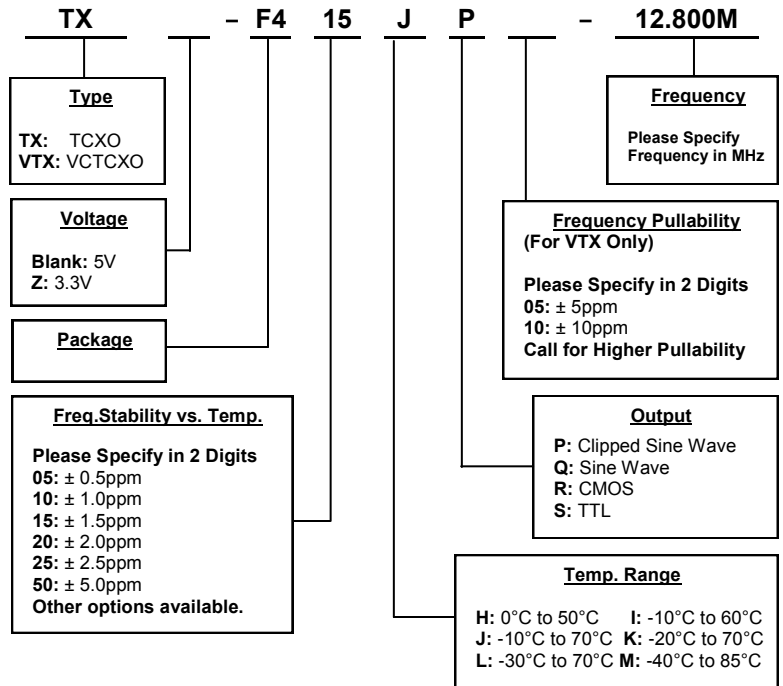


Unit : mm

Pin Connections		
	TX-F6 (6pads)	TX-F4 (4pads)
1	Case Ground	N.C. or V Con
2	Case Ground	
3	Output	
4	Ground	*
5	N.C. or V Con	*
6	Vcc	

* pads 4and 5 absent on package F4

PART NUMBERING GUIDE



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