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# CRYSTAL OSCILLATOR

Series HCO-6T, TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR (TCXO)

## APPLICATION

- Mobile communication, Avionics,
- Test Equipment, Electronic instruments

## ELECTRICAL SPECIFICATIONS

Items		TFT210	TFT230	TFT250	TFT270	TFT300
Frequency Range (MHz)		1~32	30~95	90~155	150~210	200~1500
F-T stability (ppm)		±0.5~±5			±1~±10	
Operating Temperature (°C)		-10~60	0~70	-20~+70	-40~+70	-50~+85
Storage Temperature (°C)		-55~+120				
Power	Voltage (Vdc)	+3.3 +5.0 +12				
	Current (mA)	2~20				
Output	Waveform	Sine/pulse		Sine		
	Impedance	50Ω/100Ω		50Ω		
	Level	(pulse):TTL/HCMOS		(Sine):≥1.5vP-P/50Ω		
	Type	(pins):SMA		SMA		
Aging/year (ppm)		±1~±3				
Frequency trim (ppm)		±1~±5/ (mechanical or electrical)				
F-V Stability		(3~5)×10 <sup>-7</sup> (3.3V±5%,5V±10%,12V±10%)				
Dimension (mm)		18.5x12x(8~10)	20.8x13.2x(8~10)	25x15x10	30x20x10	40x25x15 44x27x19 50.8x50.8x18 91x56x20

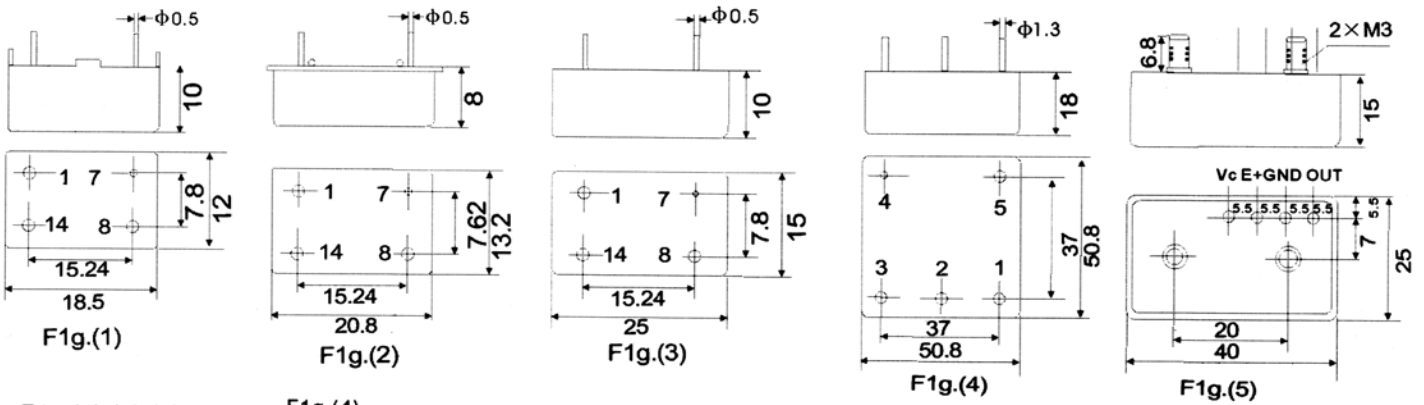


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## DIMENSION (MM)



F1g.(1).(2).(3)

- 1 --- Vc
- 7 --- GND
- 8 --- OUT
- 14 --- +VDD

F1g.(4)

- 1 --- Vc
- 2 --- E1(OS.)
- 3 --- OUT
- 4 --- GND
- 5 --- E2(OVEN)

