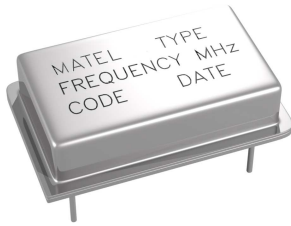


DIL14 TCXO

TF-14 & TF-24



FEATURES
6 to 190 MHz Clipped sinewave
APPLICATIONS
Datcoms

Electrical Parameters

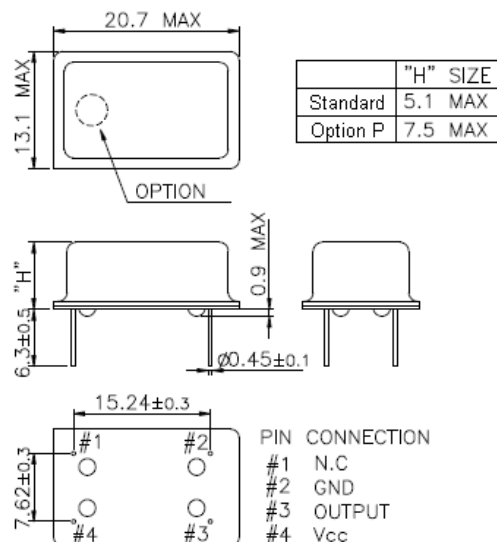
Parameters	Conditions	TF-14	TF-24
Frequency Range		6 ~ 190 MHz	
Frequency Calibration	At 25°C	± 1 ppm	
Frequency Stability	Over T _{OPR}	± 0.5 ppm ~ ± 5 ppm	
Frequency Adjustment	Option P	±3ppm min by internal trimmer(OPTION)	
Stability vs.power change	VDD ± 5%	±0.2 ppm	
Stability vs.load change	10 KΩ // 10pF	±0.2 ppm	
Operating Temperature Range		0 ~ 70°C , -40 ~ 85°C	
Storage Temperature Range		-55°C ~ 125°C	
Power Supply Voltage		+5V ± 5%	+3.3V ± 5%
Ageing (First Year)	25°C ± 3°C	± 1ppm Max	
Supply Current		30mA Max	
Output Clipped sinewave	10 KΩ // 10pF	1 Vpp min	0.8 Vpp min
Phase Noise (typical)		-80 dBc / Hz @ 10Hz	
		-110 dBc / Hz @ 100Hz	
		-135 dBc / Hz @ 1KHz	
		-140dBc / Hz @ 10KHz	
		-145 dBc / Hz @ 100kHz	

Ordering Code

Temperature Range	Code	Stability	Code	Internal Code	Internal Code	Option	Code
0 + 70°C	B	± 0.5 ppm	Q	0	0	Internal trimmer	P
- 10 + 60°C	C	± 1 ppm	P				
- 20 + 70°C	E	± 2 ppm	M				
- 40 + 85°C	H	± 5 ppm	H				

example: TF-24EM00P 10MHz

Mechanical Dimensions (mm)



DIL14-TCXO

TYPE	TF-14 & TF-24	REVISION	02	CHECKED	PB	DATE	03/11/2011
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All specifications are subject to change without notice