PAS ELECTRONICS

RM1303, Tech-Center, SKnTechnopark, 190-1,
Sangdaewon-Dong, Joongwon-Gu, Seongnam-Si,
Gyeonggi-Do, Korea
TEL : (031) 776-0113
FAX : (031) 776-0110

SPECIFICATION OF T.C.X.O

DATE :

MODEL : PT207M-3L304FC **SPEC. CODE :**

SUBMITTED TO :

APPLICATION RANGE

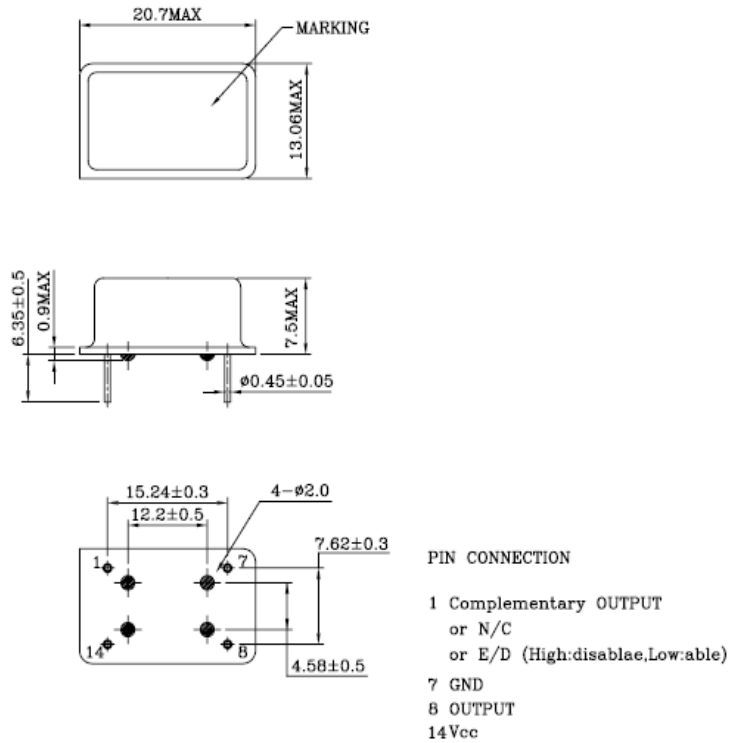
This specification is applied to TCXO which is used for communication equipments.

REQUIREMENTS :

1. Nominal frequency (Fo)	: 50 MHz
2. Holder type & Case	: PT207M-3L304FC
3. Dimension	: See DRAWING
4. Operating temperature range	: -40℃ ~ +85℃
5. Storage temperature range	: -45℃ ~ +90℃
6. Frequency stability	
vs Temperature	: ±3.0 ppm over -40 to +85deg
vs Aging	: ±1.0 ppm max./year
7. Supply voltage	: +3.3 Vdc ± 5%
8. Input current	: 60mA max.
9. Output Characteristics	
Output	: LVDS
Load	: 100 oHms
Level Voh	: 0.9Vdd min.
Vol	: 0.1Vdd max.
Tr/Tf	: 5ns max.
Duty cycle	: 45/55%
10. Phase Noise typ.	: -70dBc@10Hz
	: -100dBc@100Hz
	: -130dBc@1kHz
	: -150dBc@10kHz
	: -155dBc@100kHz

PART NUMBER# PT207M-3L304FC-50.000M

11. Temperature cycling	:MIL-STD-883, Method 1010, Cond. B
12. Seal Fine Leak	:MIL-STD-883, Method 1014, Cond. A
13. Burn-in	:Burn-in 160 hours, 125°C with load
14. Aging	:Aging 30 days @70°C
15. Drawing	



16. pin1	: Complementary output
* Radiation	: 10krad Compliance