



ftech Corporation

16 Nan-ke 9th Rd Science-based Industrial Park, Tainan 741, Taiwan, R.O.C.

Tel: +886-6-6008999 Fax: +886-6-5050826

<http://www.f-tech.com.tw>



Part Number FGPXMO161

Technical Specification

	Min.	Typ.	Max.
Receiver		L1, C/A code	
Correlators/Channels		32/8	
Update Rate	1/minute	1/second	1/second
Satellite Reacquisition Time		1 second	
HotStart		12 seconds (50%)	
Warm Start		32 seconds (50%)	
Cold Start		120 seconds (50%)	
Tracking Sensitivity		-143dBm	
Power Consumption (VCC) @ 3.3 V Active mode, searching & tracking (v 2.2)		19 mA (avg.)	
Voltage Supply VCC	3 V	3.3 V	3.65 V
Back Up Voltage Supply VRTC BK	1.9 V		3.65 V
Output Protocol		NMEA 0183, v3.0	
Position Accuracy - Horizontal, SA off - DGPS corrected		5 meters CEP (50%) 1 meter	
Timing output accuracy	- 100 nanosec.		100 nanosec.

FGPXMO161 has a RF signal input interface which using Hirose connector.



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Dimensions

變更記事 或 配件 DESCRIPTION		單位 UNIT mm		材料 MATERIAL 比例 SCALE 1:1		日期 DATE 核准 APPROVAL BY		零件圖號 PART NO. 數量/組 Q'TY/SET		製件數量 RE. Q'TY	
製件 DESIGN BY Jiun-Shin		製件 CHECK BY		製件 TREATMENT		製件 DWG. NAME		製件 PART NO.		製件 RE. Q'TY	
製件 DATE		製件 BY		製件 TOLERANCES 尺寸公差 (±0.2) .X ±0.1 .XX ±0.03 .XXX ±0.01 ANGLES ±2°		製件 DRAWING NO.		製件 FT5RKO0261		製件 REV	