

FV-15L “GPS Module de réception”

Présentation:

Le FV-15 L est un module récepteur GPS avec un chipset Sirf Star III GPS intégré

Le FV-15L est un des plus petits modules GPS basse tension sur le marché avec MMCX



Merkmale:

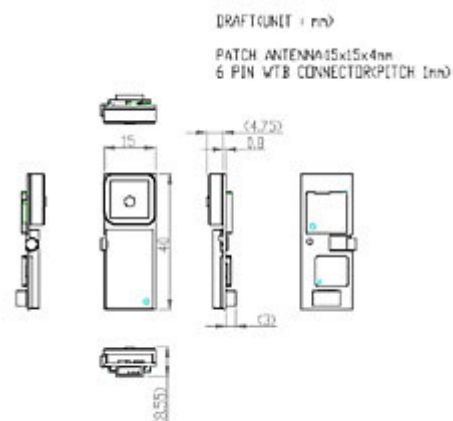
20 canaux parallèles

Extrêmement TTFF rapide à faible signal

0.1 secondes est le temps de réponse

-0183 Protocole NMEA conforme

4 Mbits de mémoire flash



Specification FV-15L GPS Receiver Module:

PHYSICAL CONSTRUCTION :		PERFORMANCE :	
Dimension	L 15 mm W 24 mm H 7.5 mm	Sensitivity	-159dbm
Weight	8 gram	Receiver architecture	20parallel channels
Receiving frequency	1575.42MHZ; C/A code	Position Accuracy	10 meters @ 2D RMS
RF connector	MMCX	Requisition	0.1 sec. Typical
Build in Patch antenna size	15x15x4 mm	Start-up time	Hot start 1 sec typ.
			Warm start 35 sec typ.
			Cold start 35 sec typ.
ENVIRONMENTAL CONDITIONS :		Position accuracy	Without aid 3.35 m CEP
Temperature	Operating: -40° ~ + 85°		With SBAS 2.60 m
		Storage: -40° ~ + 85°	Velocity 514 m/s
Interface:		Maximum altitude	18000 m/s
		Update Rate	Continuous operation 1 Hz
LNA	28dB Gain typ.	External Antenna	GPS antenna with 2.8V power pin
I/O Pin	Conector type: wire to board 6 pin	Power Supply	DC +3,3V ~ + 5V
		Current Consumption	GPS: Avg. Acquisition:
			AVG Tracking -30mA @3.3 V (w/o antenna) <30mA @3.3V (w/o antenna)

This specification is subject to change without prior notice...