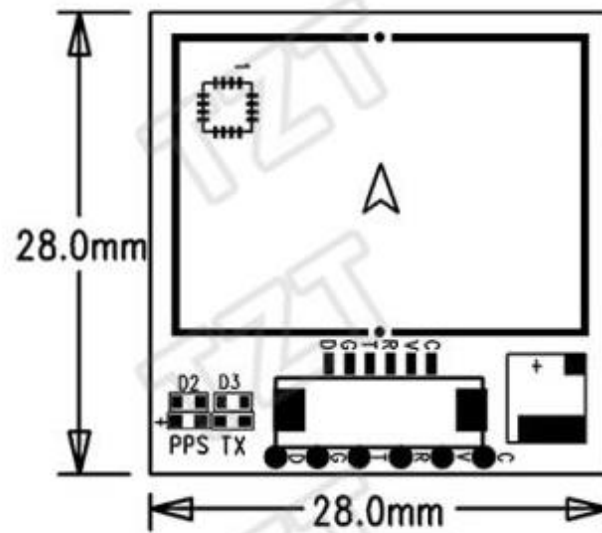
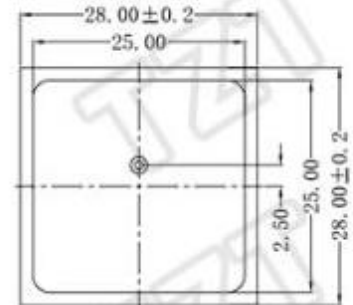
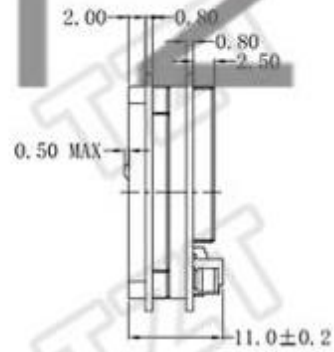
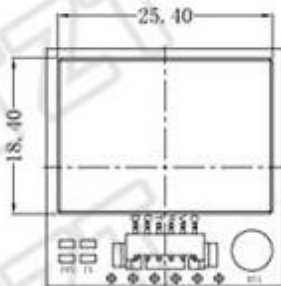


Item	Description	
Electrical Characteristics	Chipset	M8030-KT
	Frequency	GPS L1, GLONASS L1, BDS B1, GALILEO E1, SBAS L1, QZSS L1
	Receiving Format	GPS, GLONASS, BDS, GALILEO, SBAS, QZSS. Default GPS, GLONASS, SBAS, QZSS.
	Channels	72 Searching Channel TZT
Sensitivity	Tracking	-167dBm
	Reacquisition	-160dBm
	Cold Start	-148dBm
	Hot Start	-156dBm
Accuracy	Position Horizontal	2.0 m CEP 2D RMS SBAS Enable (Typical Open Sky)
	Velocity	0.1m/sec 95% (SA off) TZT
	Timing	1us synchronized to GPS time
Acquisition Time	Cold Start	26s
	Warm Start	25s
	Hot Start	1s
Data Output	Support Rate	4800bps to 921600bps, Default 9600bps
	Data Level	TTL Level
	Data Protocol	NMEA-0183
	NMEA Message	RMC, VTG, GGA, GSA, GSV, GLL
	Update Rate	1Hz-10Hz, Default 1Hz
	FLASH	4M FLASH, Store the configuration permanently
Operational Limits	Altitude	<50,000m
	Velocity	<515m/s
	Acceleration	<4g
Power Consumption	VCC	DC Voltage 3.6V-5.5V, Typical: 5.0V
	Current	Capture 50mA/5.0V
Mechanical Specifications	Dimension	28mm*28mm*11mm
	Weight	14.1g
	Connector	1.25mm 6pins connector TZT
Environment	Operating Temp	-40 °C ~ +85°C
	Storage Temp	-40°C ~ +105°C
LED	Built-in LED	TX LED: blue. The data output, TX LED flashing
		PPS LED: red. PPS LED not bright when GPS not fixed, flashing when fixed
Compass	Compass	Built-in compass, With electronic compass IC HMC5883L

DEMENSIONS



PIN DESCRIPTION



PIN1 ---- PIN6

PIN	PIN Name	I/O	Description
1	SDA	O	Compass SDA
2	GND	G	Ground
3	TX	O	Serial Data Output.
4	RX	I	Serial Data input.
5	VCC	I	DC 3.6V~ 5.5V supply input, Typical: 5.0V
6	SCL	I	Compass SCL

LED

1. TX LED: Blue. The data output, TX LED flashing
2. PPS LED: Red. PPS LED not bright when GPS not fixed, flashing when fixed.

We Are The Distributor Of TZT Brand In Hong Kong, China