

# GPS Receivers with PCMCIA Interface

## GPS-P5007

Telecommunication component

### OUTLINE

A GPS signal receiver and PCMCIA card are joined in one unit. By combining with a notebook computer, GPS navigation can be carried out.



### FEATURES

1. The navigation system easy to use with map software.
2. Compact, light weight, low current consumption. [Approx. 30% less than conventional models (provisional spec.)]
3. 12 channel (multi-channel) positioning.
4. The initial gradation time us greatly reduced.
5. Remarkable versatility through the use of the format NMEA
6. There is a slot for PCMCIA cards.

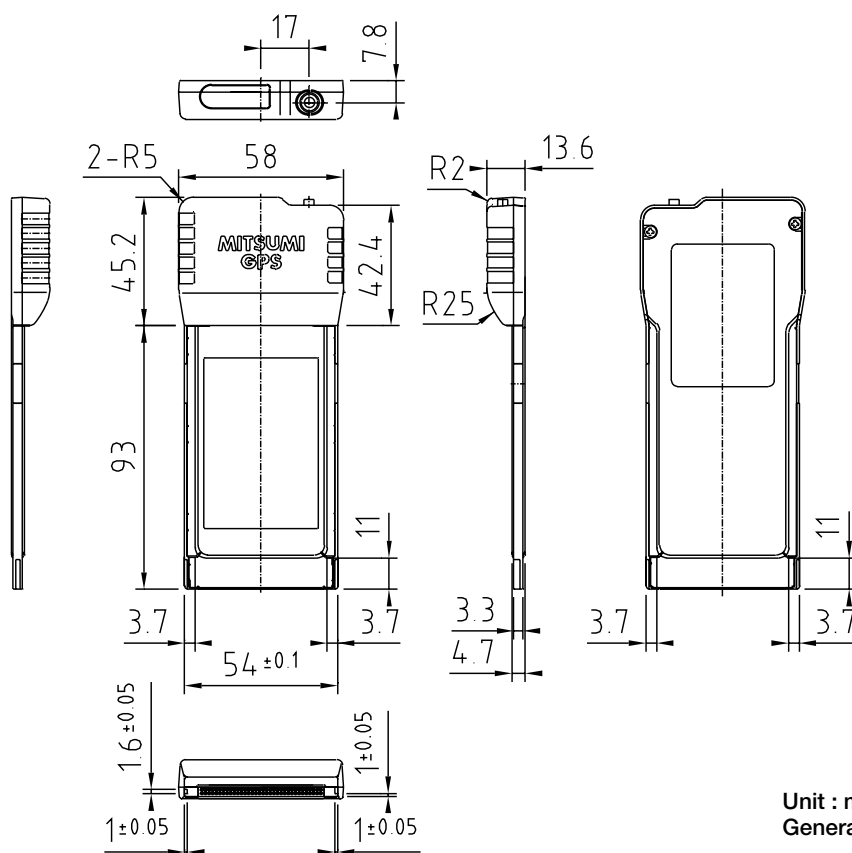
## SPECIFICATIONS

### ● GPS Receiver Part (GPS-P5007)

Item	Specifications
Receiving Method	Multi-Channels (12 channels)
Receiving Frequency	1575.42MHz, C/Acode
Sensitivity	-130dBm at antenna
Dynamic Range	25dB min.
Positioning Accuracy	100m RMS (SA ON, DOP=2.5) 20m RMS (SA OFF, DOP=2.5)
Velocity	0.1m/S (SA OFF, DOP=2.5)
Dynamic Capability	
Velocity	600km/h max.
Acceleration	2G max.
Position Calculation Interval	Normally 1S
Time to First Fix	3sec typ. (In case the current ephemeris and almanac date are store in memory)
Power Requirement	5V+5%
Current Consumption	130mA max. (GPS Only)
Temperature Range	
Operating Temperature Range	0°C to+60°C
Storage Temperature Range	-20°C to+80°C

## DIMENSIONS

### GPS-P5007



Unit : mm  
General tolerance : ±0.5mm