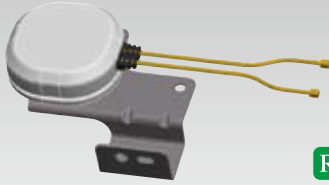
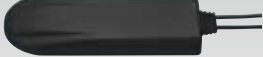


Application	Automatic Vehicle	
Product name	GPS354P-S3-XX-A	GPS01R-S3-XX-A
Appearance	 RoHS	 RoHS
Specification		
Antenna Performance		
Type	GPS	GPS
Center Frequency (MHz)	1575.42±2.5	1575.42±2.5
Bandwidth (MHz)	10.0 min.	15.0 min.
Gain at Zenith (dBic)	1.0 typ.	-1.2 typ.
Polarization	R.H.C.P.	R.H.C.P.
Impedance (Ω)	50 typ.	50 typ.
Axial Ratio (dB)	4.0 max.	1.13 max.
LNA Performance		
Center Frequency (MHz)	1575.42±1.023	1575.42±1.023
Gain (dB)	28.5+1.5/-2	31±3
Noise Figure (dB)	3.5 typ.	1.35 typ.
Operation Voltage (V)	2.85±0.1	3.0~5.0
Consumption Current (mA)	12.5±3	12±3
Filter Out Band Attenuation	20dB typ. fo±20MHz 30dB typ. fo±30MHz 30dB typ. fo±50MHz 40dB typ. fo±100MHz (fo=1575.42MHz)	20dB typ. fo±30MHz 50dB typ. fo±50MHz 60dB typ. fo±100MHz (fo=1575.42MHz)
V.S.W.R	2.0 max.	2.0 max.
Overall Performance		
Center Frequency (MHz)	1575.42±2.5	1575.42 ±2.5
Gain (dBic)	28±3	29.8±3
Operation Voltage (V)	2.85±0.1	3.0~5.0
Consumption Current (mA)	12.5±3	12±3
Impedance (Ω)	50 typ.	50 typ.
V.S.W.R	2.0 max.	2.0 typ.
Type II	GSM	GSM
Frequency Range	824 ~ 894MHz 880 ~ 960MHz 1710 ~ 1880MHz 1850 ~ 1990MHz	824 ~ 894MHz 880 ~ 960MHz 1710 ~ 1880MHz 1850 ~ 1990MHz 1920 ~ 2170MHz
V.S.W.R	3:1max.	3:1typ.
Dimension (mm)	45 x 45 x 14.5	37.5 x 34.5 x 12.5
	Customized	