



Application	Automatic Vehicle	
Product name	GPSGLONASS02G-S3-XX-A	GPSGLONASS03D-S3-XX-A
Appearance	 RoHS	 RoHS
<b>Specification</b>		
<b>Antenna Performance</b>		
Type	GPS/GLONASS	GPS/GLONASS
Center Frequency (MHz)	1593±5 (1575~1615)	1593±5 (1575~1615)
Bandwidth (MHz)	43.0 typ.	43.0 typ.
Gain at Zenith (dBic)	2.0 typ.	2.0 typ.
Polarization	R.H.C.P.	R.H.C.P.
Impedance (Ω)	50 typ.	50 typ.
<b>LNA Performance</b>		
Center Frequency (MHz)	1593 (1575~1615)	1593 (1575~1615)
Gain (dB)	28±3	29±3
Noise Figure (dB)	2.0 max.	2.0 max.
Operation Voltage (V)	3.0±0.3	3.3±0.6
Consumption Current (mA)	8±3	8±3
Filter Out Band Attenuation	34dB typ. fo±50MHz 49dB typ. fo±100MHz (fo=1593MHz)	34dB typ. fo±50MHz 49dB typ. fo±100MHz (fo=1593MHz)
V.S.W.R	2.0 max.	2.5 max.
<b>Overall Performance</b>		
Center Frequency (MHz)	1593	1593
Gain (dBic)	30 typ.	31 typ.
Operation Voltage (V)	3.0±0.3	3.3±0.6
Consumption Current (mA)	8±3	8±3
Impedance (Ω)	50 typ.	50 typ.
V.S.W.R	2.0 typ.	2.5 typ.
Dimension (mm)	49.14 x 46.14 x 15.94	37.5 x 34.5 x 12.5
	