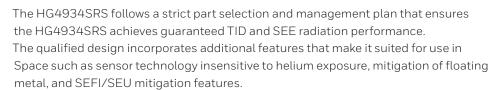
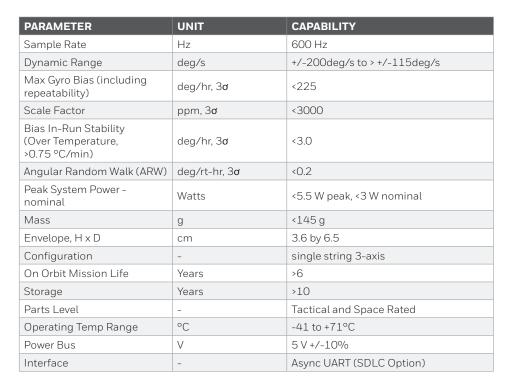
HG4934SRS 3-AXIS RATE SENSOR

Honeywell Rate Sensor for Small Sats: MEMS-Based 3-Axis Rate Sensor

Honeywell has adapted our highly successful angular rate sensor technology for the small satellite market.

The demands of this market are low cost, size, weight and power. Using our heritage designs and adapting them to the specific Space market needs, Honeywell has created a market-leading rate sensor with a volume less than $82 \, \text{cm}^3$, that weighs less than $145 \, \text{g}$, and nominally only requires $3 \, \text{Watts}$ of power. In-run bias stability is better than $1 \, \text{deg/hr} \, (1\sigma)$.







KEY HONEYWELL ADVANTAGES

- Small, low-cost space rate sensor based on proven tactical grade IMUs delivered for Military applications
 - Over 500,000 IMU systems delivered
- Space Rated Rate Sensor
- RadHard controller and electronics
- Mix of tactical and space qualified parts
- Manufactured and tested at Honeywell – Minneapolis, MN
- High-rate production facility
- 50,000 IMUs per year
- Experience in high-volume production for space
- Qualified for a six year LEO mission with five years of ground integration on the satellite
- Design qualified in 2020
- Flight units have been delivered to multiple customers

THE FUTURE IS WHAT WE

