Orbital’s SilverBumps™ brand electrodes, part of Orbital’s line of Bumps™ electrodes, use unique surface features designed to allow measurement of bio-electric signals with no skin preparation, messy gels or irritating adhesives. SilverBumps™ electrodes are engineered to match or exceed industry standard signal-to-noise ratios of traditional electrodes. The combination of the unique design elements (sensing surface, housing and connector) minimize motion artifacts which improve signal quality. SilverBumps™ electrodes also outperform traditional electrodes in terms of patient comfort during long-term physiological monitoring applications.

Currently, SilverBumps™ electrodes have been cleared by the Food and Drug Administration for continuous wear, single-person-use ECG applications for up to 48 hours. Orbital’s IP portfolio includes 11 issued patents and 8 pending patents.

**Electrode Specifications:**
- **Diameter:** 25 mm
- **Effective surface area:** 500 mm²
- **Snap to bump height:** 8.5 mm
- **Resistance of electrode (front to back):** 0.25 Ω
- **Skin/electrode impedance:** 10-50 Ω
- **Flexible design for custom applications**
- **Sliver/Silver Chloride coated ABS (acrylonitrile butadiene styrene)**