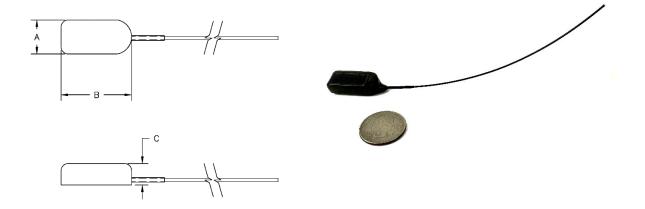
MATS ADVANCED TELEMETRY SYSTEMS

SOLAR GLUE-ON

Series SV10



Technical Specifications

Transmitter type: Crystal controlled 2-stage

Calibration tolerance: ±2.5kHz

Frequency stability: ±2.5kHz, -20°C to 40°C

Pulse rate and width: Typical on time 20ms, off time 1100ms (controlled by uC) Pulse rate variation: 0.01%/volt, $\pm 0.01\%$ for temperatures -20°C to +40°C

Energy storage: Supercapacitor
Activation: By removing magnet

Encapsulation: Electrical resin, water-proof, specific gravity: 1.12

| MODEL SPECIFICATIONS | | | | | | | | | |
|----------------------|---|--------------------------------|--------|--------|--------------------|----|-------------------|----------------|---|
| Model | Time to Full Charge in Sunlight (minutes) | Runtime without Sun (hours) | | | Dimensions (mm) | | Weight (grams) | Price Group | |
| | | 30 ppm* | 45 ppm | 55 ppm | Α | В | С | | |
| SV10-G | 15 | 5 | 2.5 | 2 | 15 | 31 | 10 | 6 | Н |

^{*15} ms pulse width

Factors other than battery capacity may reduce life.

Warranty life is maximum of 2 years.