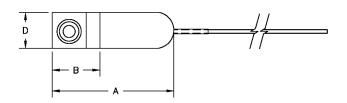
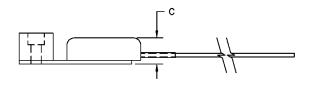
ADVANCED TELEMETRY SYSTEMS

SOLAR EAR TAG

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, ±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	D		
SV10-E	15	5	2.5	2	51	20	13	15	8	Н

^{*15} ms pulse width

Factors other than battery capacity may reduce life.

Warranty life is maximum of 2 years.

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[†]Weight without attachment button. Attachment button weighs 1.7 grams.