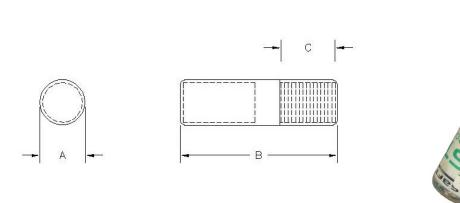
MATS ADVANCED TELEMETRY SYSTEMS

MAMMAL BODY IMPLANT

Series M1200



Technical Specifications

Transmitter type: Crystal controlled 2-stage ("B" suffix denotes 3-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

Battery: Lithium

Activation: By removing magnet

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

MODEL SPECIFICATIONS									
Model	Battery	Battery Capacity			Dimensions			Weight	Price
		(days)			(mm)			(grams)	Group
	3.5V	35 ppm*	40 ppm	55 ppm	Α	В	С		
M1215	10-25	362	264	202	12	71	25	13	F
M1230	1/2AA	897	654	502	18	70	25	23	C
M1235	2/3AA	1078	787	603	18	79	25	30	C
M1240	2/3A	1510	1102	845	20	79	25	30	С
M1245B	AA	792	540	400	20	102	25	42	С
M1250B	С	2347	1598	1185	29	112	30	100	D
M1255B	D	5575	3796	2816	36	125	40	172	D

^{*15} ms pulse width.

All models available with high accuracy temperature option – order as M12xxT.

Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity, maximum of two years.