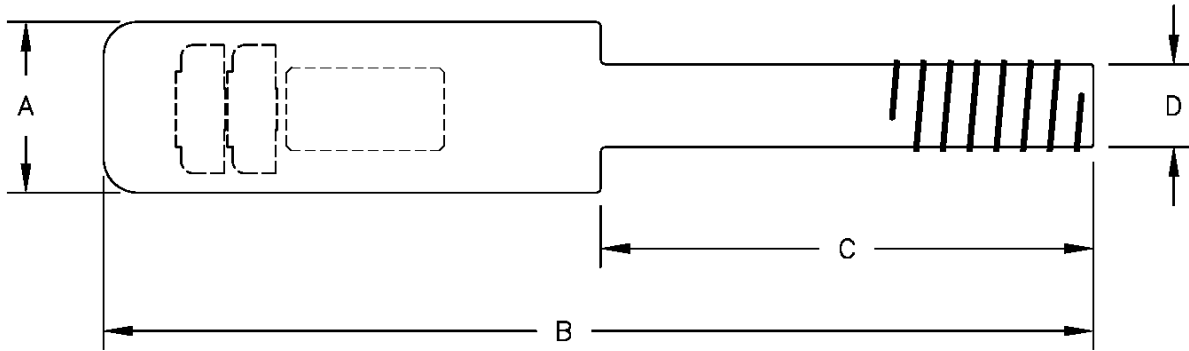


VHF DART Tag Series F1020D



TECHNICAL SPECIFICATIONS

Transmitter type:	Crystal controlled 2-stage
Calibration tolerance:	$\pm 2.5\text{kHz}$
Frequency stability:	$\pm 2.5\text{kHz}$, -20°C to 40°C
Pulse rate and width:	Typical on time 20ms, off time 1100ms (controlled by astable circuit)
Pulse rate variation:	5%/volt, $\pm 20\%$ for temperatures -20°C to $+40^{\circ}\text{C}$
Battery:	Silver Oxide
Activation:	By removing magnet
Encapsulation:	Electrical resin, water-proof, specific gravity: 1.12

BATTERY SPECIFICATIONS

Model	Battery	Battery Capacity (days)			Dimensions (mm)				Weight	Price
		30ppm*	40ppm	55ppm	A	B	C	D		
F1020	377	63	36	27	9	52	26	5	3.8 grams	B Group

* 15 ms pulse width

* Warranty life is 50% of battery capacity



VHF transmitter can be inserted by the customer into PNEU-Dart Transmitter RDD (414 Design)
*2CC size required to work with ATS' Darts.



Required
Merlin
Housing
Adapter



ATS
ADVANCED TELEMETRY SYSTEMS

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