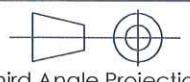


Notes:

- Wind Item 2 to a nominal inductance of **52uH ± 2uH**.
- Use Item 3 as needed to ensure no wire to wire contact between coils and extension lines. Leave min. 3/8" uncovered on both ends of Item 1.
- Wrap 1 turn of Item 4 around coils only, wrap an additional layer over coils and extension wires/tubing to hold in place.
- Coat rod with Dolph AC43 Varnish (or equivalent) after winding to ensure no movement of coils.

Item	QTY	Description
1	1	National Magnetics P/N RX-250-S550-M20; 1/4"X5.5" Ferrite Rod
2	AR	Approx. 30 equally spaced turns of 18AWG coated magnet wire
3	AR	McMaster-Carr P/N 52355K11; Teflon FEP tubing, 1/16"ID X 1/8" OD; or equal
4	AR	1/4" Wide Mylar Tape



Third Angle Projection

A	11/16/06	Initial Release. Corrected material typo from M2 to M20.	BM
REV.	DATE	DESCRIPTION	BY

TOLERANCES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

Decimal: .X ± 0.050	FRACTIONS ± 1/32
.XX ± 0.050	
.XXX ± 0.005	ANGLES ± 1°

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APP'D:
DWN: Benjamin M.
ENGR: Albert C.
DATE: 10/19/2006
SCALE: None

TITLE TensiTrak Main Board
Antenna Assembly
DRAWING NUMBER 175-6700-00
SHT. # 1
REV. A
OF 1