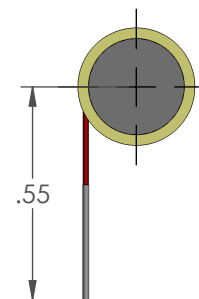
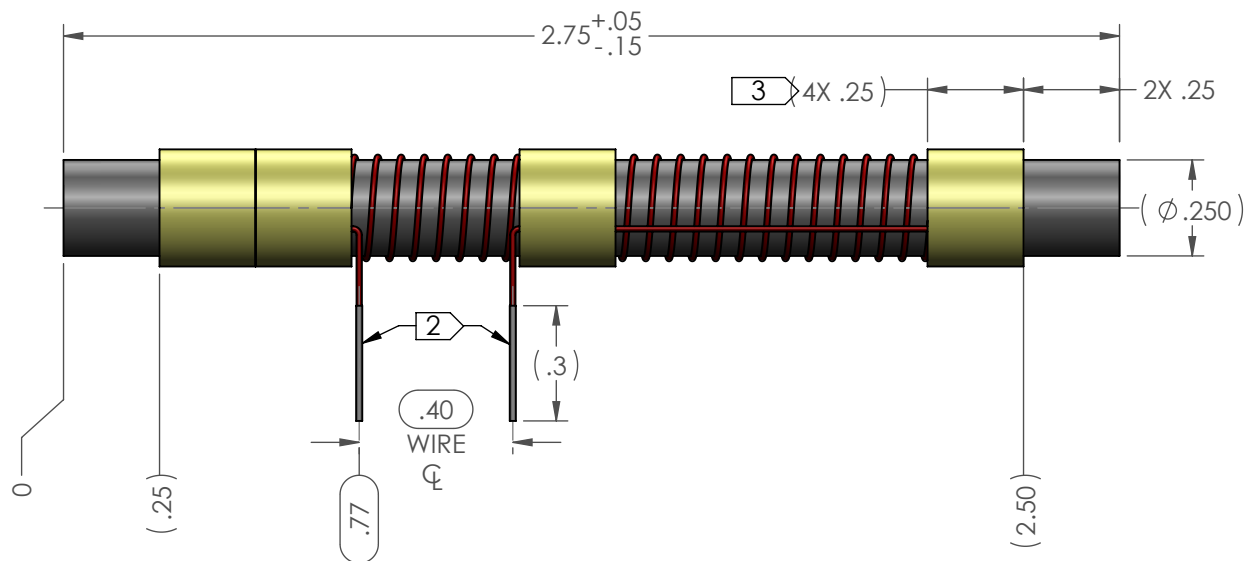


175-0111-00
SCALE 1:1



ITEM NO.	PARTNUMBER	DESCRIPTION	QTY
1	309-0016-00	FERRITE ROD, Ø.250 X 2.75LG, NAT'L MAGNETICS RX-250-2750-M20	1
2	312-1238-00	WIRE, ESSEX, 28AWG, SINGLE BUILD FILM INSULATION	AR
3	330-0032-00	TAPE, POLYESTER, 1/4" WIDE, YELLOW, 3M 57	AR
4	330-0033-00	VARNISH, DOLPH'S SYNTHITE AC-43	AR

NOTES:

- WIND WIRE, ITEM ② TO OBTAIN 200µH ±2%, SINGLE LAYER WINDING. WINDINGS SPACED ABOUT LENGTH OF FERRITE ROD AS SHOWN. (APPROXIMATELY 73 COIL TURNS)
- STRIP AND TIN BOTH LEADS, .30" FROM THE END AS ANNOTATED.
- WRAP 2 TURNS OF TAPE, ITEM ③ AROUND COIL IN LOCATIONS SHOWN. BEND AND ROUTE WIRE LEADS, SECURE INTO PLACE WRAPPING WITH 2 MORE TURNS OF TAPE, ITEM ③.
- FINISH: COAT ASSEMBLY WITH VARNISH, ITEM ④ WITH EXCEPTION OF STRIPPED TINNED LEADS.
- MATERIALS & MANUFACTURING PROCESSES MUST COMPLY WITH: ROHS 2011/65/EU DIRECTIVE. A DECLARATION OF RoHS COMPLIANCE (RoHS CoC) MUST ACCOMPANY EACH DELIVERY)
- PACKAGE PARTS TO AVOID DAMAGE, LABEL PACKAGE WITH PART NUMBER, MEASURED INDUCTANCE, REVISION LEVEL, DESCRIPTION (TITLE), AND DATE OF MANUFACTURE.

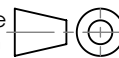
P7	02/11/2016	UPDATED DIMENSION SCHEME; UPDATED NOTE 1: WAS 80µH IS 200µH; WAS 30 COIL TURNS, IS 73.	DM	-
P6	12/10/2015	UPDATED LENGTH TOLERANCE FROM +.05 -.015 TO +.05 -.15.	DM	-
REV	DATE	DESCRIPTION	BY	CK

TOLERANCES IN INCHES (EXCEPT AS NOTED)

DECIMAL (Inches) X.XX = **±.063**
 DECIMAL (Inches) X.XXX = **±.032**
 X° = **±1°**
 ALL MACHINED SURFACES = **.63 RMS**
 OF ALL FEATURES = **.002**
 COMMON CENTERLINES = **.002**
 INTERNAL RADIUS = **R.015**
 BREAK ALL SHARP EDGES = **.003/.007**

A
SHEET STYLE

Third Angle
Projection



SIGNED

DATE: 11/30/2015

DRAWN BY: DM

ENGINEER: RZ

CHECKED BY: -

SCALE: 2:1

DRAWING NUMBER: 175-0111-00



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Assembly, 8in Badger Antenna

REV P7 SH 1 OF 1

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