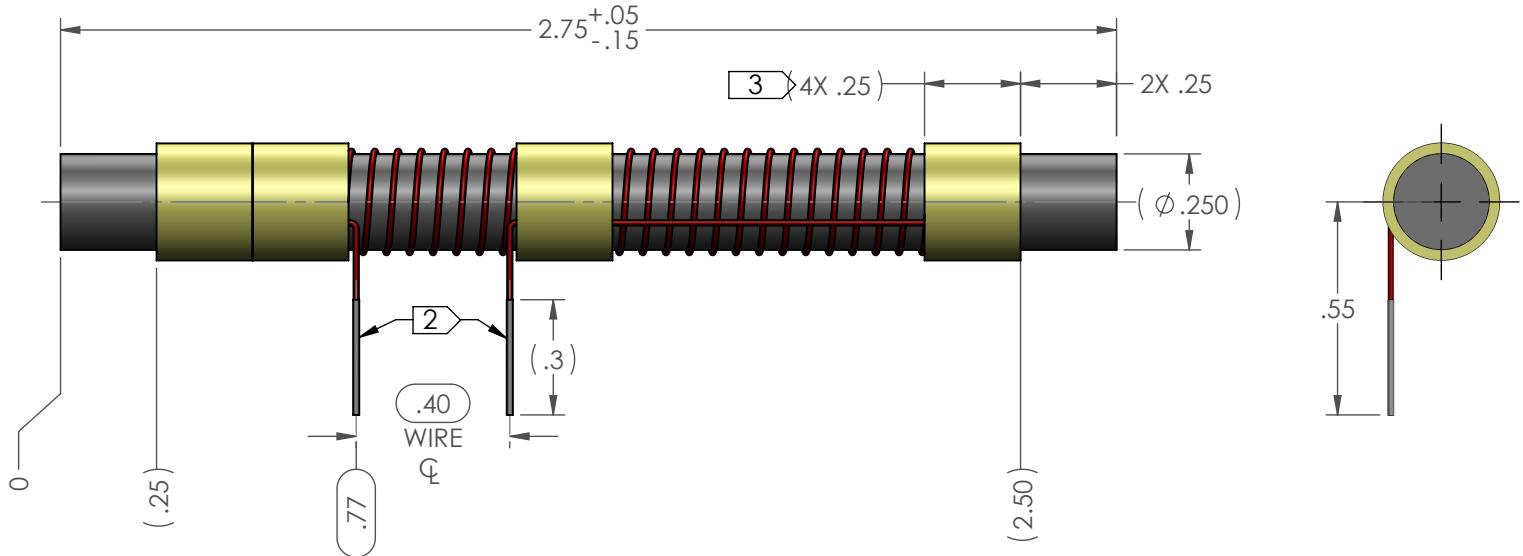


ITEM NO.	PARTNUMBER	DESCRIPTION	QTY
1	309-0016-00	FERRITE ROD, Ø.250 X 2.75LG, NAT'L MAGNETICS RX-250-2750-M20	1
2	312-1238-00	WIRE, ESSEX, 28AWG, SINGLE BUILD FILM INSULATION	AR
3	330-0032-00	TAPE, POLYESTER, 1/4" WIDE, YELLOW, 3M 57	AR
4	330-0033-00	VARNISH, DOLPH'S SYNTHITE AC-43	AR

175-0111-00
SCALE 1:1



NOTES:

1. WIND WIRE, ITEM (2) TO OBTAIN $200\mu\text{H} \pm 2\%$, SINGLE LAYER WINDING. WINDINGS SPACED ABOUT LENGTH OF FERRITE ROD AS SHOWN. (APPROXIMATELY 73 COIL TURNS)
2. STRIP AND TIN BOTH LEADS, .30" FROM THE END AS ANNOTATED.
3. 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).
4. FINISH: COAT ASSEMBLY WITH VARNISH, ITEM (4) WITH EXCEPTION OF STRIPPED TINNED LEADS.
5. MATERIALS & MANUFACTURING PROCESSES MUST COMPLY WITH: ROHS 2011/65/EU DIRECTIVE. A DECLARATION OF RoHS COMPLIANCE (RoHS CoC) MUST ACCOMPANY EACH DELIVERY
6. 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 $80\mu\text{H}$ IS $200\mu\text{H}$; 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																
REVISIONS																				
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DATE: 11/30/2015		19625 62nd Ave. S. Suite B-103 Kent, Wa. 98032 1-800-286-3610 or (425)-251-0701 DCI Fax (425)-251-0702 Stargate Fax (253)-395-2828 www.Digital-Control.com																		
DRAWN BY: DM		TITLE: Assembly, 8in Badger Antenna																		
ENGINEER: RZ																				
CHECKED BY: -																				
SCALE: 2:1		DRAWING NUMBER: 175-0111-00																		
REV P7 SH 1 OF 1																				
THIS DRAWING IS CONFIDENTIAL AND IS SUPPLIED WITH THE UNDERSTANDING THAT IT IS NOT SHOWN TO OTHER PERSONS OR COMPANIES WITHOUT THE WRITTEN CONSENT OF DIGITAL CONTROL, INC.																				

A
SHEET STYLE

Third Angle Projection
C