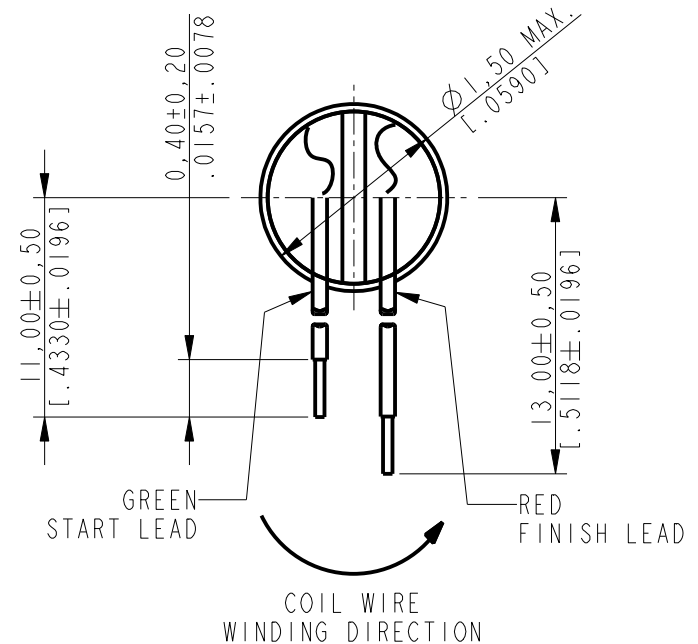
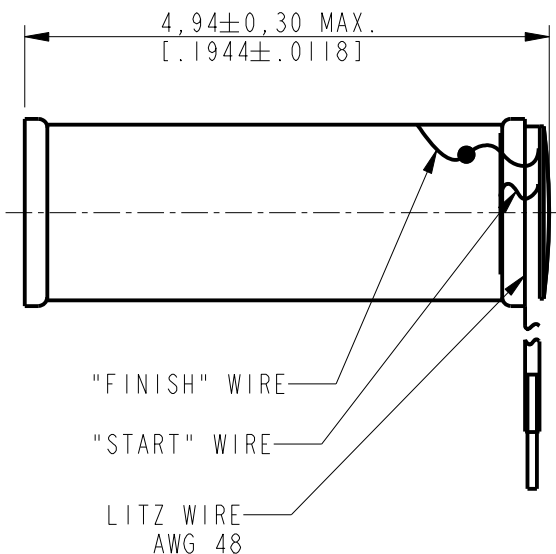
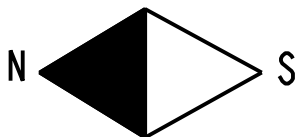


NOTES:

1. COIL WOUND USING COPPER MAGNET WIRE WITH CLASS 155 SINGLE BUILD POLYURETHANE INSULATION.
2. FINISH WIRE ON COIL IS SECURED WITH BLUE DOT OF PAINT.
3. BOBBIN IS FULLY ANNEALED HYMU80 WITH PARYLENE COATING.
4. WITH A POSITIVE DC VOLTAGE APPLIED TO THE "FINISH" WIRE, THE MAGNETIC FIELD WILL ATTRACT A COMPASS NEEDLE AS SHOWN.
5. START & FINISH WIRE TO LIE TIGHT AGAINST COIL.
6. COIL TO BE DIPPED AT LEAST 2 TIMES WITH 13-863 (CONATHANE CE-1164) TO PROVIDE A UNIFORM LAYER OF PROTECTION ON COIL WIRES.
7. Q VALUE OVER 4 AT FREQUENCY OF 50KHZ.
8. SENSITIVITY MEASUREMENT IN dB re 1.0 VOLT WITH A MAGNETIC FIELD STRENGTH OF 1 A/M APPLIED TO THE COIL, LONG AXIS OF THE TELECOIL IS PARALLEL TO THE TEST MAGNETIC FIELD.
9. SOLDER SHALL NOT CONTAIN LEAD. MUST BE ROHS COMPLIANT.

ELECTRICAL CHARACTERISTICS

# OF TURNS	WIRE SIZE	INDUCTANCE @ 1KHZ (mH)±15%	DCR@25°C (ohms)±10%	SENSITIVE @ 1KHZ (dB) ±2dB	w/10k Ω LOAD ±2db
6200	56H HIGH RESISTANCE B	185	2850	-62.3	-64.3



RED CONTROLLED

				SCALE: 15:1				MATERIAL: - - -			
				FUNDAMENTAL TOLERANCE: ± 0.03 [0.001]				HEAT TREATMENT:			
				ANGLE TOLERANCE: ± 1°				FINISH:			
				MISMATCH TOLERANCE: ± 0.03 [0.001]				TITLE:			
				DATE		NAME		FINISHED 08 STYLE COIL W/RADIAL TERMINAL PAD			
B		C10104995		11/02/06		BCS					
A		C10103768		01/12/06		BCS					
REV.		CHANGE #		DATE		NAME					
				DESIGNED		01/10/06		BCS			
				CHECKED		01/10/06		BCS			
				RELEASED		01/10/06		TDS			
<p>PROPRIETARY NOTE: THIS DOCUMENT CONTAINS INFORMATION WHICH IS THE PROPRIETARY PROPERTY OF KNOWLES ELECTRONICS, LLC. OR ITS AFFILIATED ENTITIES. IT IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, USED, OR DISCLOSED TO ANY THIRD PARTY PARTIALLY OR WHOLLY IN ANY MANNER WITHOUT PRIOR WRITTEN PERMISSION OF, AND MUST BE RETURNED UPON REQUEST BY, KNOWLES ELECTRONICS, LLC.</p>								RELEASED LEVEL: Active		REVISION: B	
								DRAWING NUMBER:		SHEETS: 1 of 1	
								5100-253553			