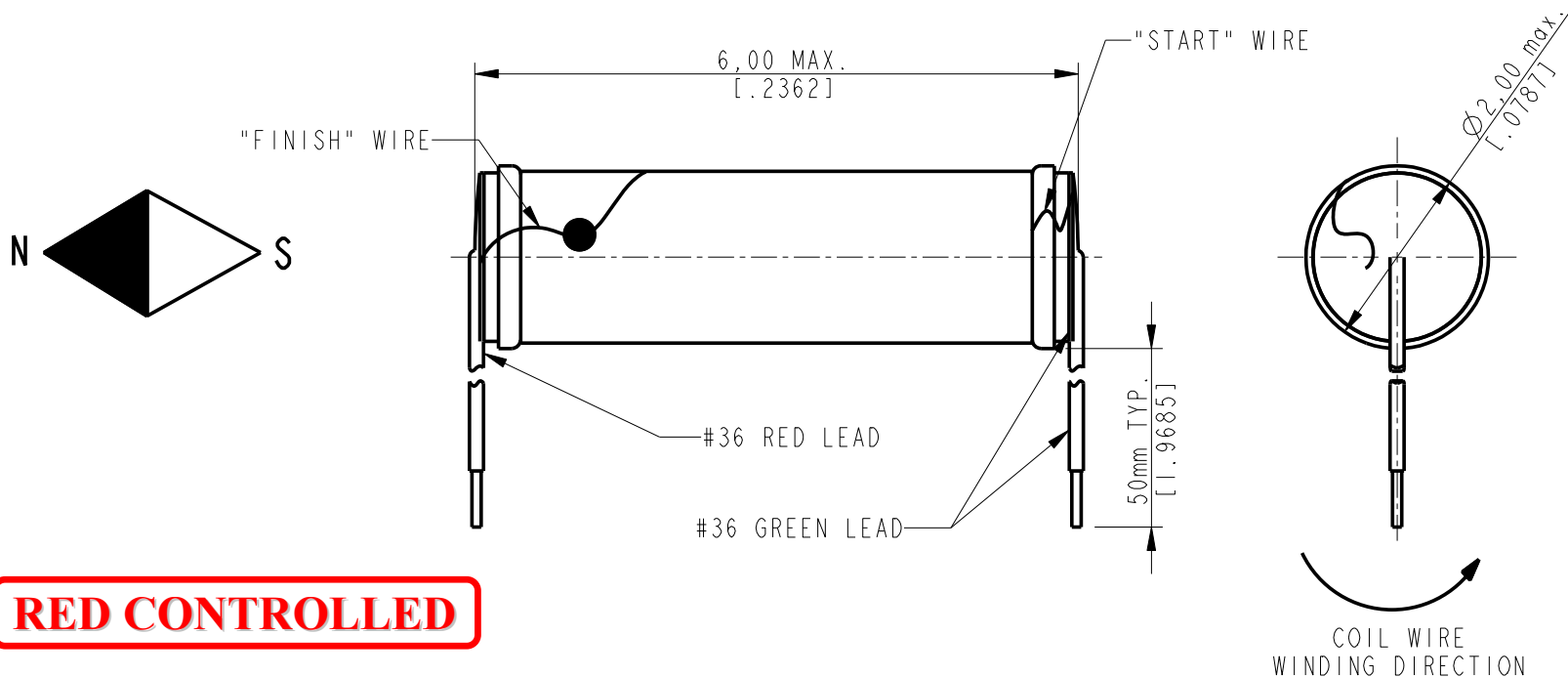


NOTES:

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. WITH A POSITIVE DC VOLTAGE APPLIED TO THE "FINISH" WIRE, THE MAGNETIC FIELD WILL ATTRACT A COMPASS NEEDLE AS SHOWN.
4. START AND FINISH WIRE TO LIE TIGHT AGAINST COIL.
5. COIL TO BE DIPPED AT LEAST 2 TIMES WITH 13-863 (CONATHANE CE-1164) TO PROVIDE A UNIFORM LAYER OF PROTECTION ON COIL WIRES.
6. 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.
7. 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
6500	54H HIGH RESISTANCE (B)	230	2300	-59.5	-61.3



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	
B	C10104995	10/20/06	BCS	DESIGNED	01/10/06	BCS	
A	C10103768	01/11/06	BCS	CHECKED	10/20/06	BCS	
REV.	CHANGE #	DATE	NAME	RELEASED	10/20/06	TDS	
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						RELEASED LEVEL: Active DRAWING NUMBER: 5100-253450	
						REVISION: B SHEETS: 1 of 1	

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