

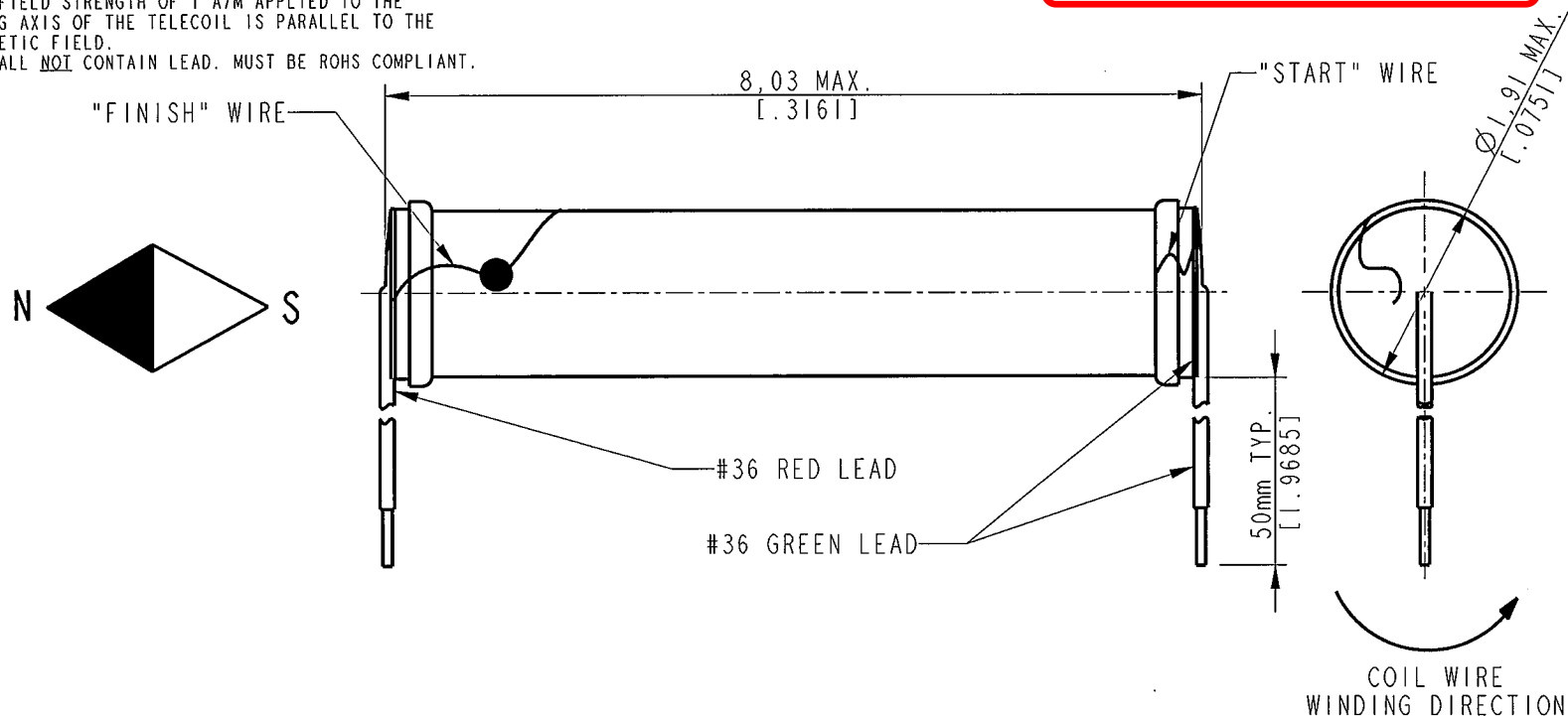
NOTES:

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 AND FINISH WIRE TO LIE TIGHT AGAINST COIL.
6. COIL TO BE DIPPED AT LEAST 4 TIMES WITH 13-863 (CONATHANE CE-1164) TO PROVIDE A UNIFORM LAYER OF PROTECTION ON COIL WIRES.
7. 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.
8. 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
7700	54H HIGH RESISTANCE (B)	336	2500	-55.0	-57.0

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 2/10/12/24/06	
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						<p>RELEASED LEVEL: RELEASED</p>	
						<p>DRAWING NUMBER: 5100-253440</p>	
						<p>SHEETS: 1 of 1</p>	

Mouser Electronics

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