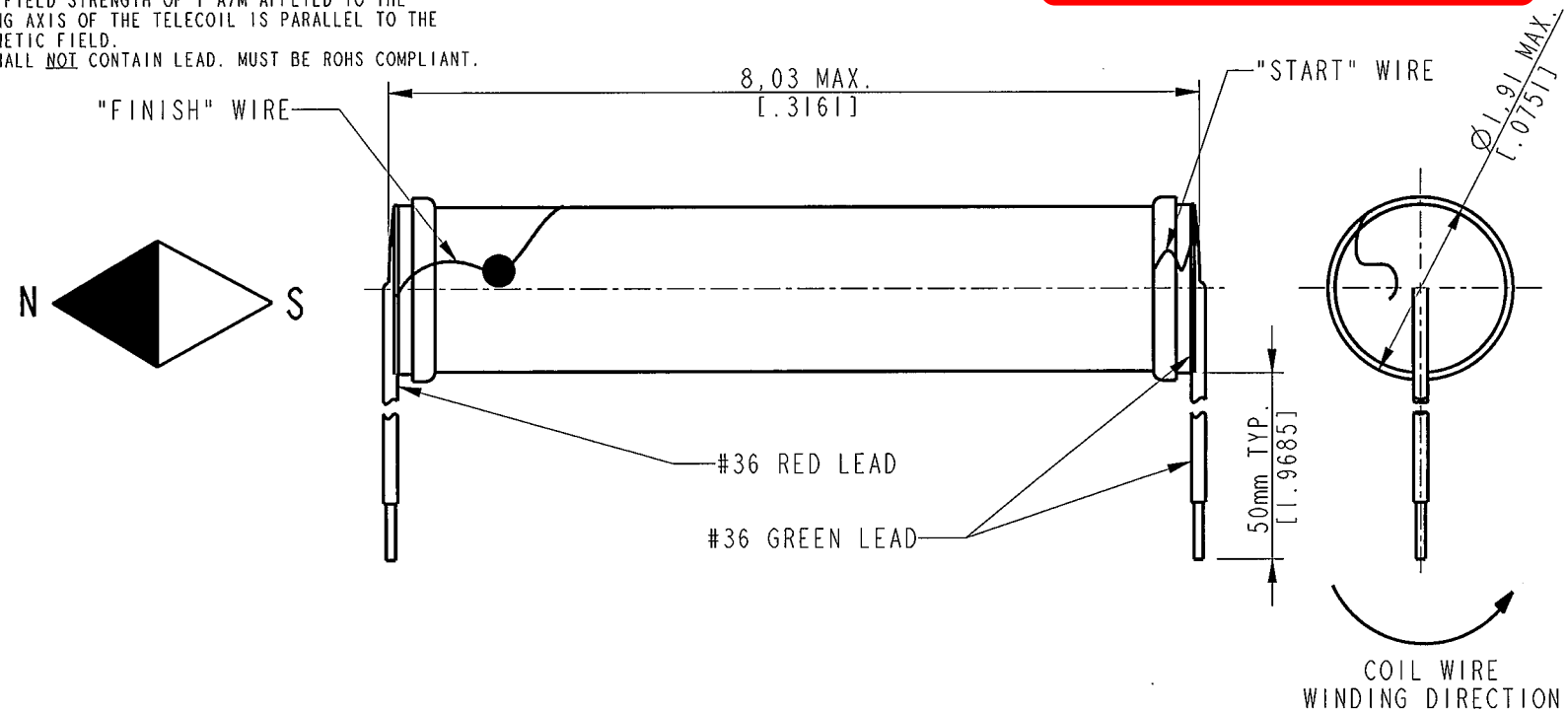
NOTES:
1. COIL WOUND USING COPPER MAGNET WIRE WITH CLASS 155 SINGLE BUILD POLYURETHANE INSULATION.
2. FINISH WIRE ON COIL IS SECURED WITH BLUE DOT OF PAINT.
3. BOBBIN IS FULLY ANNEALED HYMU80 WITH PARYLENE COATING.
4. WITH A POSITIVE DC VOLTAGE APPLIED TO THE "FINISH" WIRE, THE MAGNETIC FIELD WILL ATTRACT 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 (B) RESISTANCE	336	2500	-55.0	-57.0

RED CONTROLLED



REV.	CHANGE #	DATE	NAME
B	C10104995	10/20/06	BCS
A	C10103768	01/11/06	BCS

SCALE: 15:1

FUNDAMENTAL TOLERANCE: ± 0,03 [0.001]

ANGLE TOLERANCE: ± 1°

MISMATCH TOLERANCE: ± 0,03 [0.001]

	DATE	NAME
DESIGNED	01/10/06	BCS
CHECKED	10/20/06	BCS
RELEASED	10/20/06	TDS 10/24/06

MATERIAL:

HEAT TREATMENT:

FINISH:

TITLE: FINISHED 06/Y12 STYLE BOBBIN W/2 TERMINAL PADS

RELEASED LEVEL: RELEASED

REVISION: B

DRAWING NUMBER: 5100-253440

SHEETS: 1 of 1

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