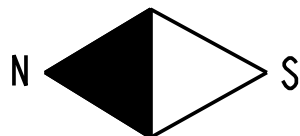


NOTES:

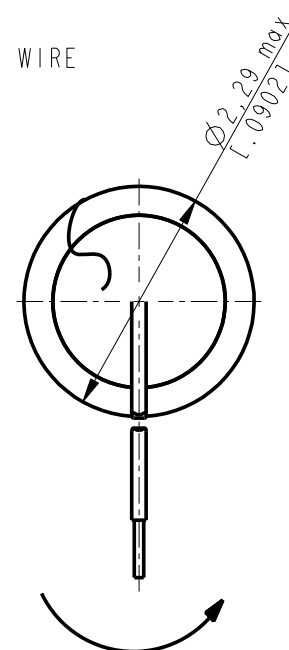
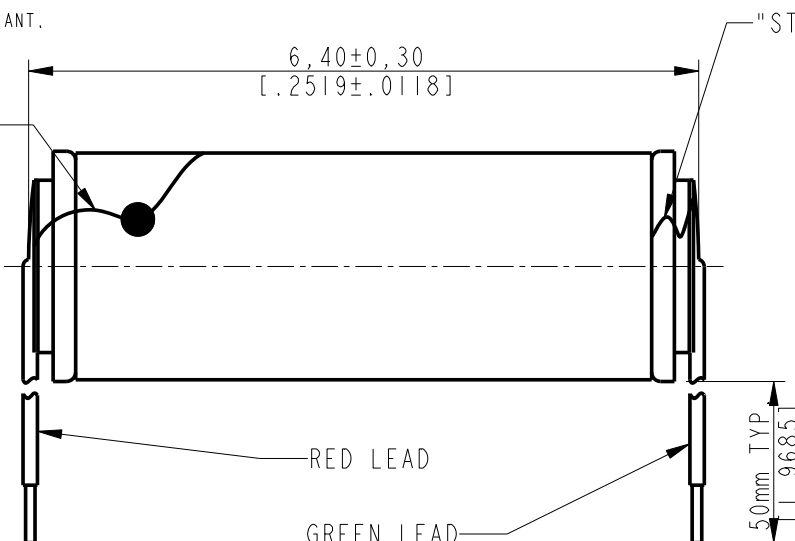
1. COIL WOUND USING COPPER MAGNET WIRE WITH CLASS 155 SINGLE BUILD POLYURETHANE INSULATION.
2. FINISH WIRE ON COIL IS SECURED WITH BLUE DOT OF PAINT.
3. BOBBIN IS FULLY ANNEALED HYMU80 WITH PARYLENE COATING.
4. WITH A POSITIVE DC VOLTAGE APPLIED TO THE "FINISH" WIRE, THE MAGNETIC FIELD WILL ATTRACT A COMPASS NEEDLE AS SHOWN.
5. START AND FINISH WIRE TO LIE TIGHT AGAINST COIL.
6. COIL TO BE DIPPED AT LEAST 2 TIMES WITH I3-863 (CONATHANE CE-11164) 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
9000	54H HIGH RESISTANCE	520	3350	-54.0	-57.0



"FINISH" WIRE



COIL WIRE  
WINDING DIRECTION

**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>FINISHED 01 COIL W/2 TERMINAL PADS</b>	
B		C10104995		11/02/06		BCS			
A		C10103768		01/10/06		BCS			
REV.		CHANGE #		DATE		NAME			
				DESIGNED		01/10/06		BCS	
				CHECKED		01/10/06		BCS	
				RELEASED		01/10/06		TDS	
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