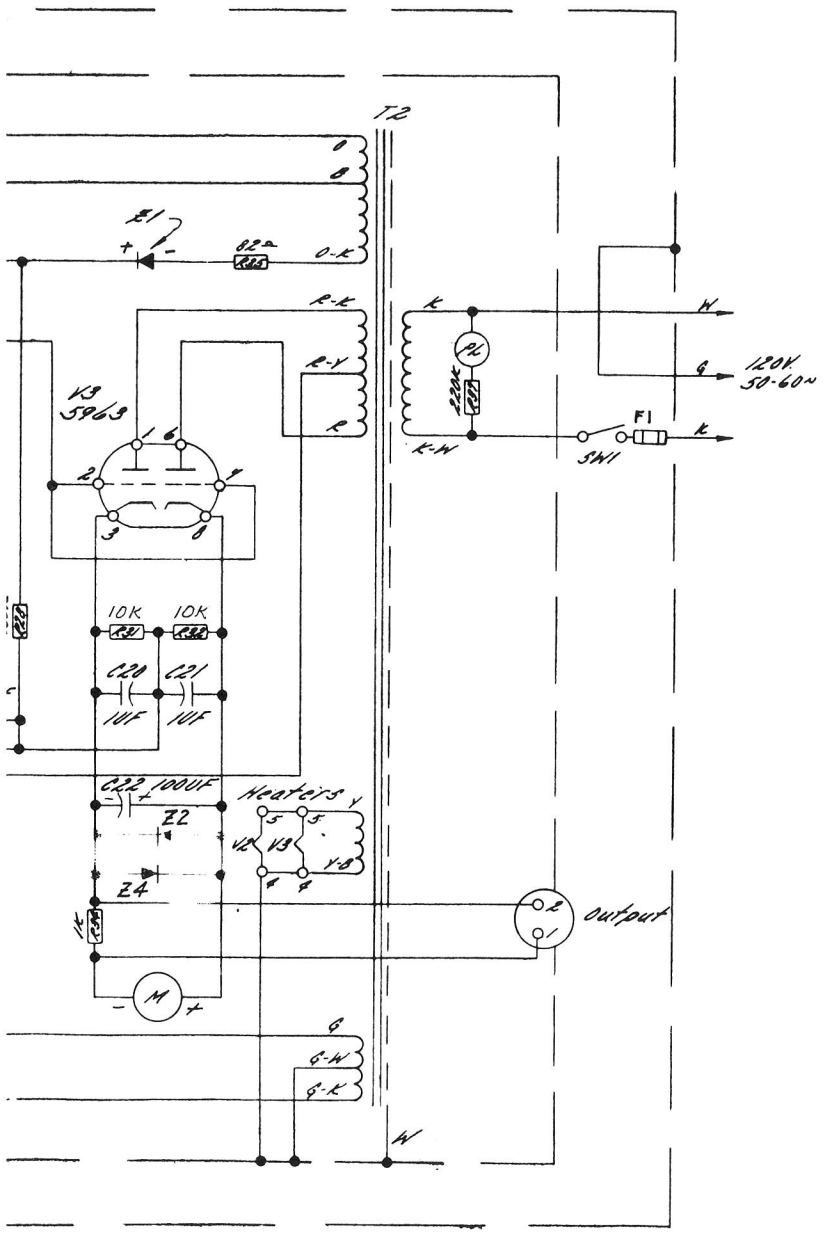

RESISTORS

R1	2K	10%	0.1W	10-9-13-6	010152
R2	2K			10-9-13-6	010152
R3	2K			10-9-13-6	010152
R4	3.3M		1/2W	11-1-0-86	011186
R5	22Ω			11-1-0-26	011126
R6	1.5M			11-1-0-82	011182
R7	100Ω	Pot	2W	———	013088
R8	10K	10%	1/2W	11-1-0-56	011156
R9	1M	1%		———	011582
R10	1M	10%		11-1-0-80	011180
R11	10K			11-1-0-56	011156
R12	1M			11-1-0-80	011180
R13	100K			11-1-0-68	011168
R14	1M			11-1-0-80	011180
R15	100K			11-1-0-68	011168
R16	10K			11-1-0-56	011156
R17	1.2K			11-1-0-45	011145
R18	10K			11-1-0-56	011156
R19	1M			11-1-0-80	011180
R20	100K			11-1-0-68	011168
R21	1M			11-1-0-80	011180
R22	10K			11-1-0-56	011156
R23	1.5K			11-1-0-46	011146
R24	2.2M			11-1-0-84	011184
R25	2.7K			11-1-0-49	011149
R26	5.6K			11-1-0-53	011153
R27	2.2M			11-1-0-84	011184
R28	120K			11-1-0-69	011169
R29	220K			11-1-0-72	011172
R30	2.2K		2W	11-3-0-48	011361
R31	10K	1%	1/2W	———	011531
R32	10K	1%		———	011531
R33	1K	1%		———	011578
R35	82Ω	10%		11-1-0-31	011131
R36	12K			11-1-0-57	011157
R37	220K			11-1-0-73	011192

CAPACITORS

C1	8UF	5V	23-3-0-7	023036
C2	8UF	5V		
C3	8UF	5V		
C4	2UF	200V	23-3-0-32	023068
C5	0.001UF		———	023125
C6	0.001UF			
C7	4UF	450V	Std 26455-52	023212
C8	25UF	15V	23-2-0-8	023017
C9	25UF	15V	23-2-0-8	023017
C10	1000UF	15V	———	023260
C11	0.02UF	600V	———	023286
C12	0.02UF	600V	———	023286
C13	0.02UF	600V	———	023286
C14	4UF	300V	———	023259
C15	4UF	300V		
C16	25UF	10V		
C17	0.1UF	600V	23-3-0-39	023082
C18	500UUF	600V	———	023285
C19	500UUF	600V	———	023285
C20	1UF	200V	———	023142
C21	1UF	200V	———	023142
C22	1000UF	6V	———	023284
C23	4UF	450V	Std 26455-52	023212

MISCELLANEOUS

F1	Fuse (0.6 Amp)	18-5-0-3	018108
M	Meter	———	021028
PL	Pilot Lamp	———	026083
SW1	On-Off SW	P-301-3-2	032027
T1	Input Trans	Std 1178-42	019095
T2	Power Trans	———	019183
V1	Sel 12AX7 Tube	22-1-0-12	022049
V2	12AX7 Tube	22-1-0-6	022106
V3	5963 Tube	22-1-0-7	022107
X1	Converter	———	358197
E1	Rectifier	———	057051
E2	Rectifier	———	057068
E3	Rectifier	57-1-0-6	057106
Z4	Rectifier	———	057068

Notes
1. When more than one wire of the same color is used, numbers are used to identify each wire.
2. Run twisted leads from C1, C2, & C23 as close as possible to R1, R2, & R3

- (A) Letter in square indicates cable between Amplifier & Front Plate
- (G) Letter in circle indicates twisted leads between Amp & Front Plate
- —P Indicates pair of twisted leads
- —T Indicates 3 twisted leads
- —G Indicates Guard wire
- * Indicates tinned wire
- Indicates insulating tubing
- △ Indicates Low Thermal Solder

COLOR CODE	
K - BLACK	Y - YELLOW
W - WHITE	A - GRAY
G - GREEN	V - VIOLET
R - RED	P - PINK
B - BLUE	S - SLATE
N - BROWN	T - TAN
O - ORANGE	

NO	DATE	APPD	REVISIONS
8	3-23-64	J.R.B	A71357
7	6-17-63	F.C.S.	A67481
6	10-19-62	J.R.B.	(A63666)
5	8-21-62	[illegible]	(A60410)
4	6-20-62	J.R.B.	(A55629)
3	3-15-62	J.R.B.	(A54243)
2	2-28-62	J.R.B.	(A54226)
1	5-10-60	J.R.B.	(A49974)
New Dwg Made (A49096)			

ACTUAL & ELEMENTARY WIRING FOR CAT 9834 DC NULL DETECTOR (PORTABLE MODEL)

DRAWN J. Lorenz	CHECKED JEO	APPROVED J.R. Browne
DESIGNED	DESIGN APPROVED	DATE 2-24-60

FIRST MADE FOR L&N ORDER NO. LN

DWG. NO. L-D-2219-16

LEEDS & NORTHRUP