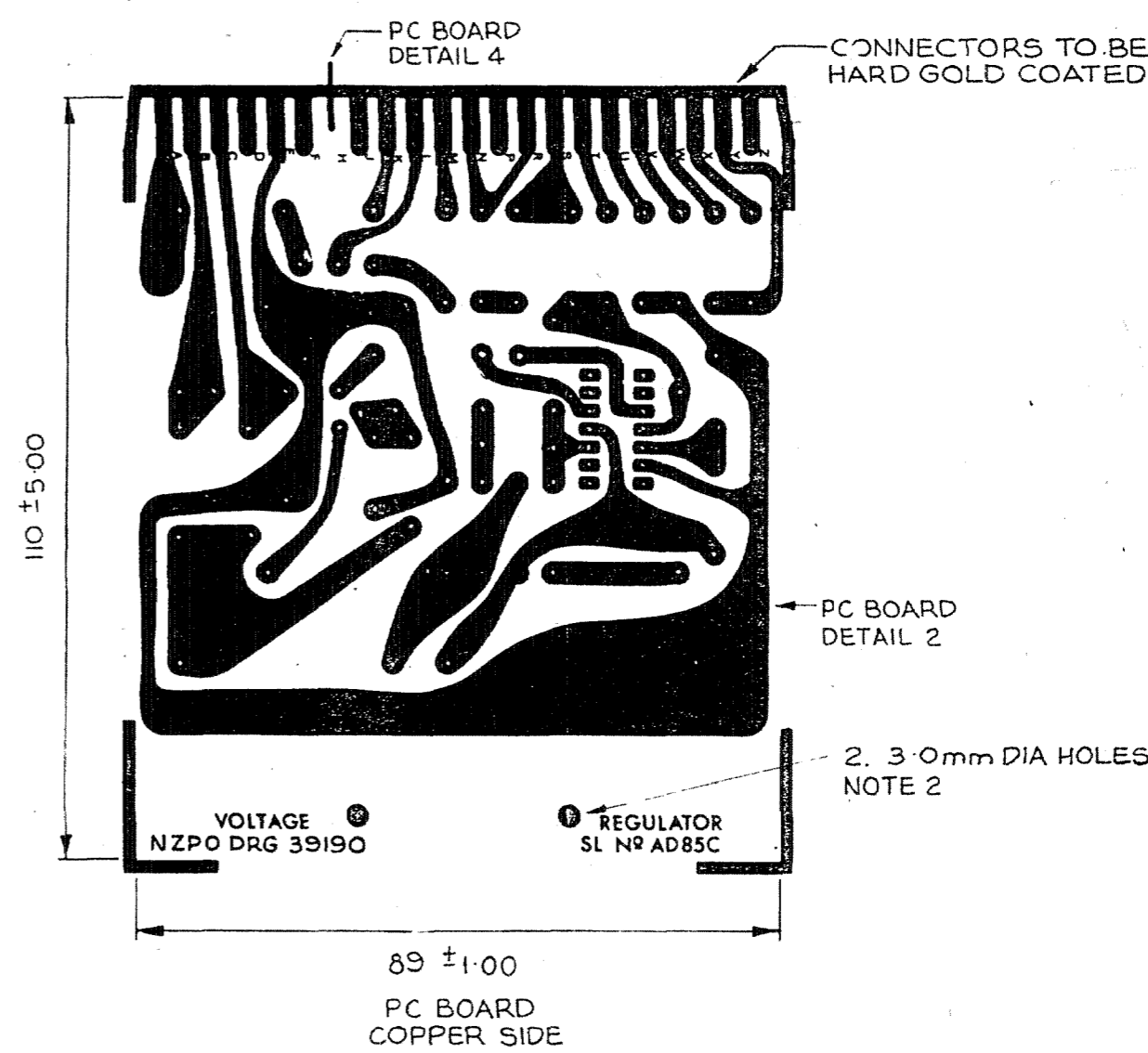
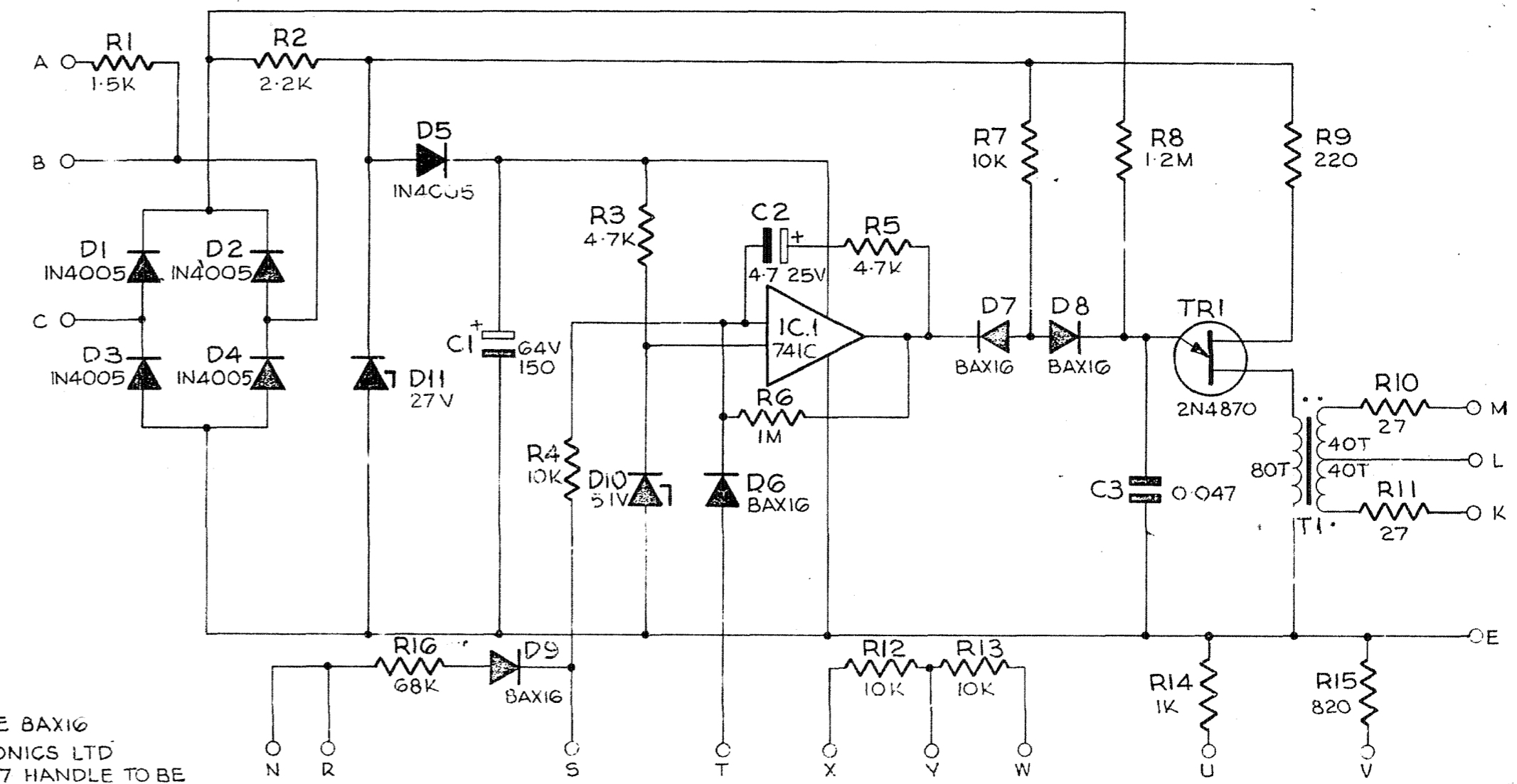


NOTE 2  
COMPONENT LAYOUT  
(COMPONENT SIDE)

MATERIAL SCHEDULE					
SYMBOL	FUNCTION	SPECIFICATION	SYMBOL	FUNCTION	SPECIFICATION
C1	CAPACITOR	150µF 64V	R6	RESISTOR	1M 1/2W ±5%
C2	CAPACITOR	4.7µF 25V	R7	RESISTOR	10K 1/2W ±5%
C3	CAPACITOR	0.047µ 250V	R8	RESISTOR	1.2M 1/2W ±5%
IC1	AMPLIFIER	741C NOTE 3	R9	RESISTOR	220 1/2W ±5%
D1-D9	DIODES	IN4005 NOTE 1	R10, R11	RESISTOR	27 1/2W ±5%
D10	ZENER DIODE	5.1V 400mW	R12, R13	RESISTOR	10K 1/2W ±5%
D11	ZENER DIODE	27V 1W	R14	RESISTOR	1K 1/2W ±5%
R1	RESISTOR	1.5K 2W ±5%	R15	RESISTOR	820 1/2W ±5%
R2	RESISTOR	2.2K 4W ±10%	R16	RESISTOR	68K 1/2W ±5%
R3, R5	RESISTOR	4.7K 1/2W ±5%	TR1	TRANSISTOR	2N4870
R4	RESISTOR	10K 1/2W ±5%	T1	TRANSFORMER	3/16" CORE 32 SWG

- NOTE:
- D6-D9 CAN BE BAX16
  - VERO ELECTRONICS LTD UK-PT N° 10037 HANDLE TO BE SUPPLIED AND FITTED.
  - IF 748 TYPE IC IS USED C4 (3pF CERAMIC CAPACITOR) IS REQUIRED.



- PC BOARD DETAILS
- IC HOLES TO BE 0.8mm DIA. ALL OTHER HOLES 1.00mm DIA.
  - PC BOARD TO BE 1.6mm THICK G10 FIBREGLASS. 70 MICRON COPPER SINGLE SIDED.
  - PC BOARD NEGATIVE AND SCREEN AVAILABLE FROM E-M SECTION ENGINEER-IN-CHIEF, WELLINGTON.
  - 2mm x 10mm POLARITY SLOT.

VOLTAGE REGULATOR					
SL N° AD85C					
TYPE UJT					
REV	CLD	APP	ORDER	DATE	ISS
0514	TOP	MES	102347	20.6.78	A
052	TOP	MES	93221	8.11.78	B
165B	DBN	DIB	94252	4.2.74	C
PCM	MBS	GBC	182682	11.8.78	D
CHANGE					
NOTE 2 & 3 ADDED					
PC BOARD DIMENSIONS ADDED IN METRIC					
R2 INCREASED FROM 2W TO 4W					
NZPO					ENGINEER-IN-CHIEF, WELLINGTON
1 OF 1					ORIGIN E-M
A2					DRAWN E-M
					TRACED GSB
					39190