

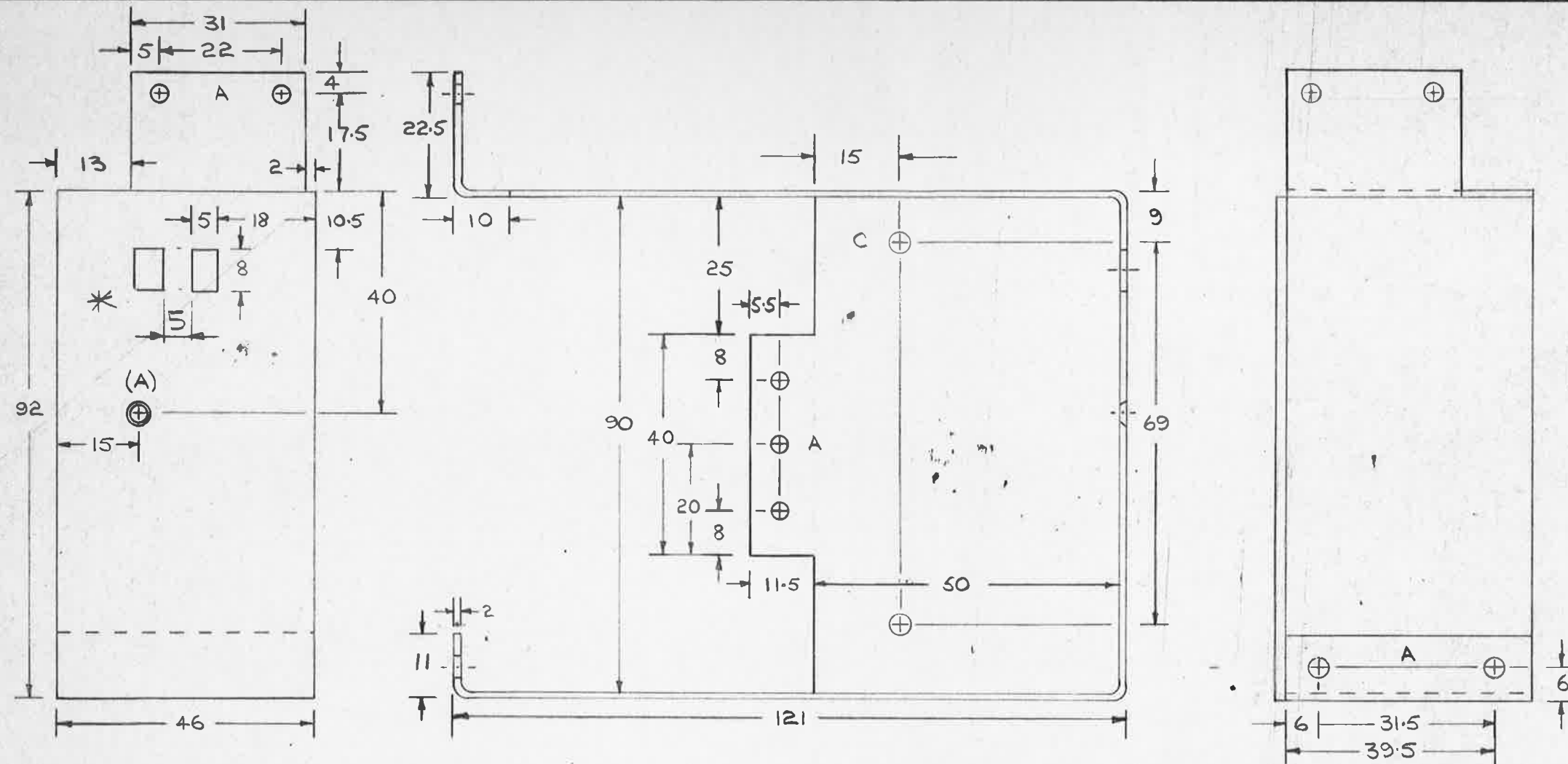
* SHOWN WITH LED Z. REMOVED FOR CLARITY

CAT N° 88 / 47287

ISSUE LETTER	ALTERATION	D MAN'S INITIALS	DATE
A	ALTERATIONS MKD *	MP	16V 84

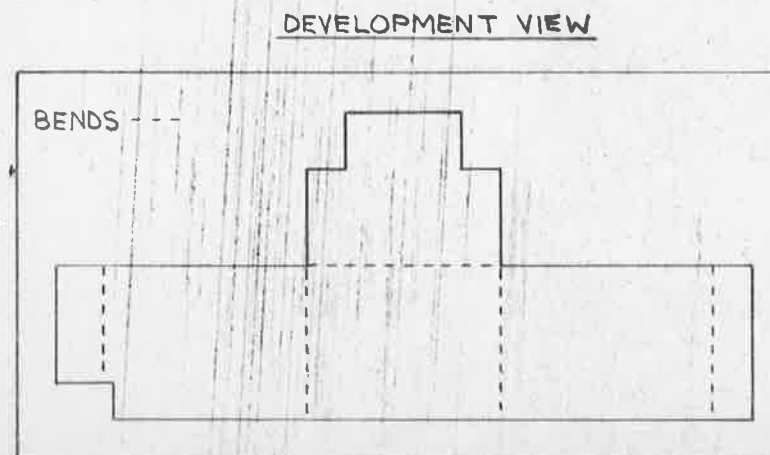
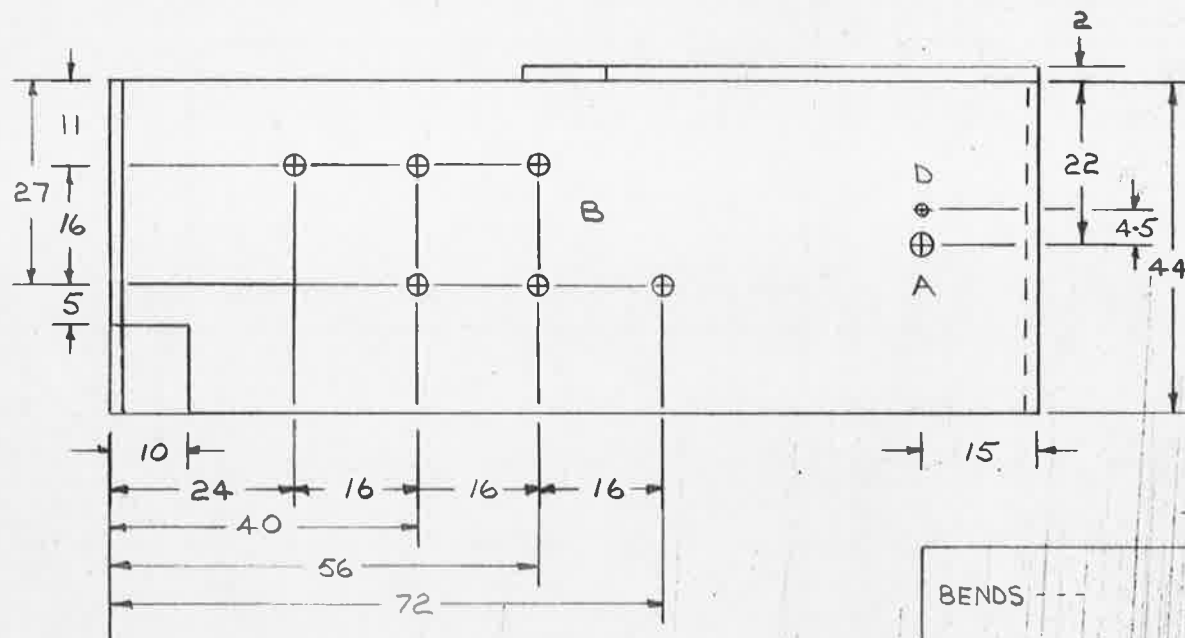
FLASHER CONTROL UNIT
ASSEMBLY OF MOUNTING BRACKET

Scale	1:1	A			
Drawing No.	SCR/M/III (10FS)				
Drawn	Traced	Checked	Date		
A.C.G.		FR	17 th Feb 82		



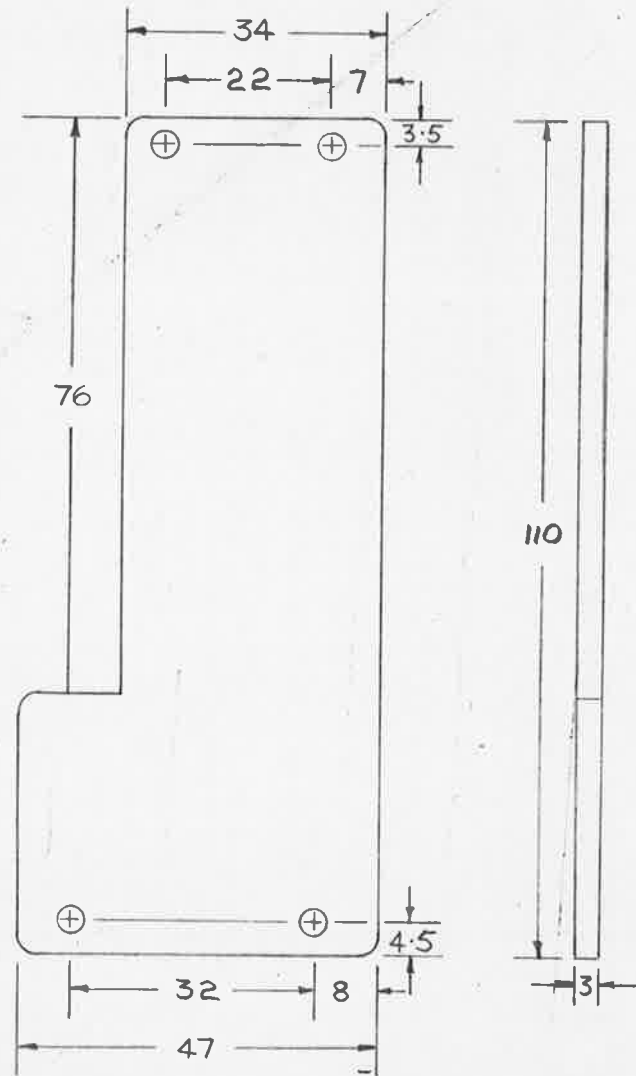
A HOLES 4 Dia 8+(1C/S 90°)
 B HOLES 3 Dia 6
 C HOLES 4.5 Dia 2
 D HOLE 2 Dia 1

NOTE
 DEVELOPED LENGTH 380



ISSUE LETTER	ALTERATION	DMAN'S INITIALS	DATE
A	ALTERATIONS MKD *	MP	Nov 84
FLASHER CONTROL UNIT MOUNTING BRACKET DETAILS			
Scale	1:1	A	
Drawing No.	SCR/M/III(20FS)		
Drawn	Traced	Checked	Date
A.C.G.		FR	16 th Feb 82

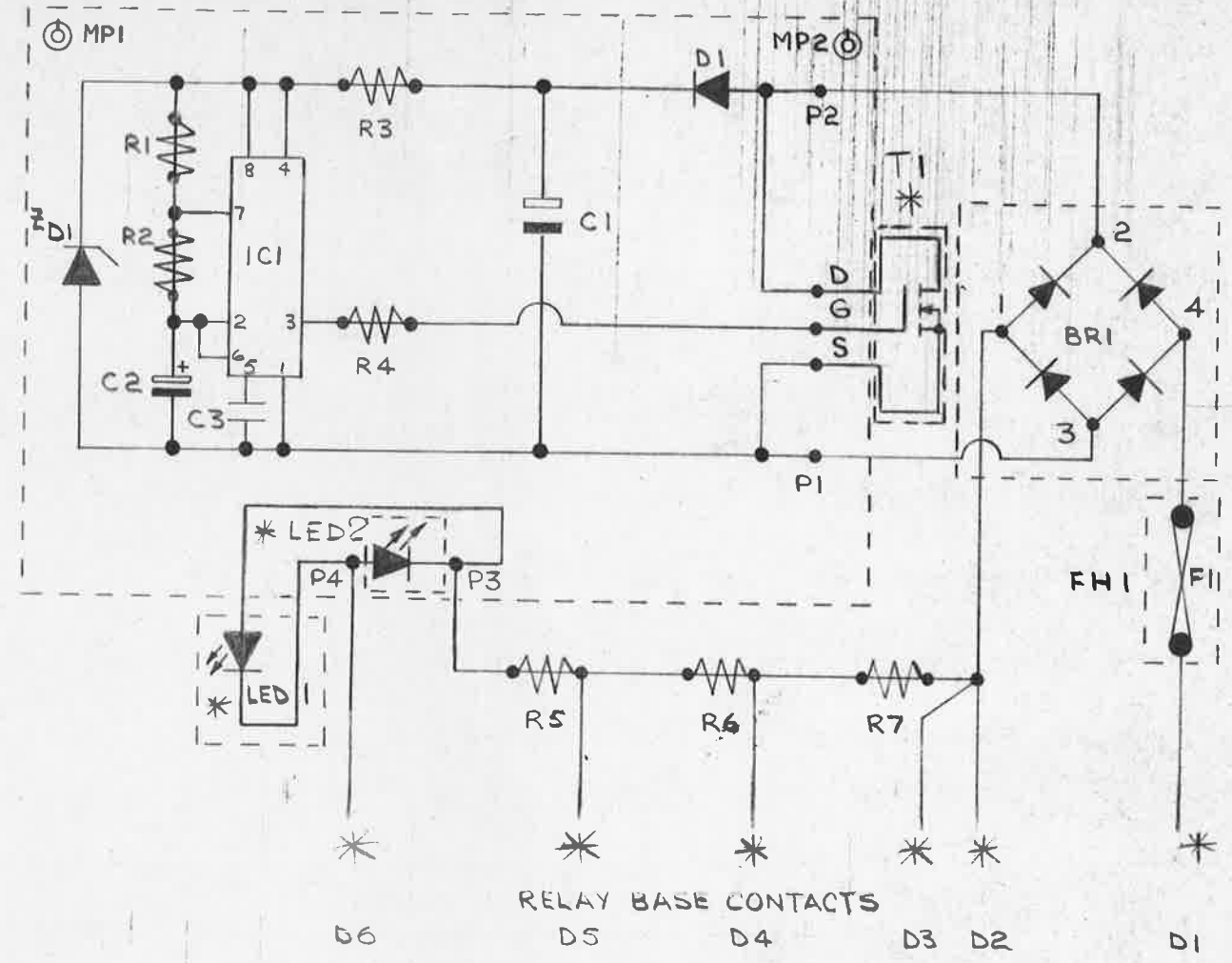
INTERNAL RADIUS 2.5



ISSUE LETTER	ALTERATION	DRAWN'S INITIALS	DATE
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FLASHER CONTROL
UNIT
MOUNTING BOARD DETAILS

Scale	1:1				
Drawing No.	SCR/M/III (3015)				
Drawn	A.C.G.	Traced		Checked	FR
				Date	15 th Feb 82



RELAY BASE CONTACTS
 D6 D5 D4 D3 D2 D1
 * LINK D5-D3 FOR 12V OPERATION
 * LINK D5-D4 FOR 24V OPERATION

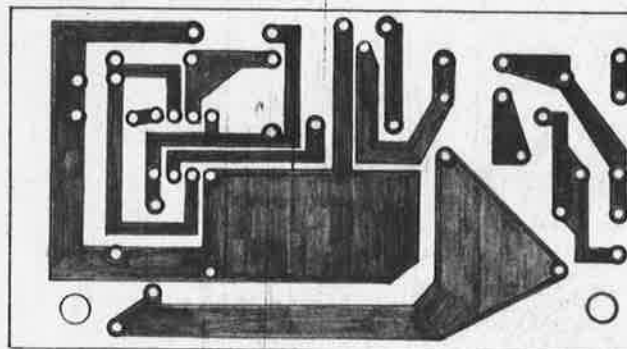
NOTE
 THIS UNIT WORKS ON 12-50V AC/DC
 RELAY BASE PIN CODE 250
 PIN CONFIGURATION EFHJK

REQ'D OUTPUT	BASE WIRING	
D2	D1	D6
B(F)	B	N
N(F)	N	B
BX(F)	BX	NX
NX(F)	NX	BX

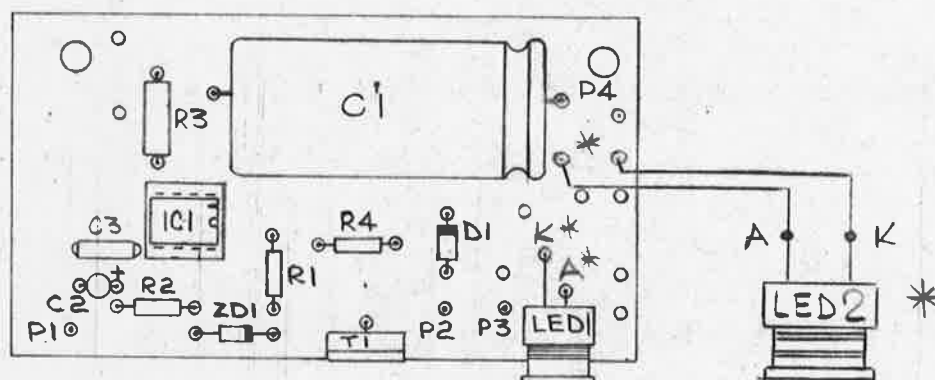
PARTS LIST		
ITEM	DESCRIPTION	QTY
IC1	CMOS 555 RS 308-023	1
C1	470µF 100V ELECTROLYTIC D18 X L40 (EQ VELOCATED) 92-23235	1
C2	1µF 35V TANT	1
C3	0.01µF POLYESTER RS114-373	1
R1	51K 1/2 WATT	1
R2 & R4	510K 1/2 WATT	2
R3	22K 1/2 WATT	1
R5, R6 & R7	WH10 1KΩ FARNELL	3
D1	BZX85 6.8V	1
DI	1N4004	1
TI	1VN 5201 CNH (OR EQUIV) J2F 5205	1
BR1	500V 12.5A RS 261-205	1
LED1 & 2	RS 587-125	2
F1	1/4" 3A ANTISURGE	1
MPI & MP2	P.C.B. PILLAR (RSS43737)	2
FH1	FUSE HOLDER (RS412-677)	1

* 1 OFF
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ISSUE LETTER	ALTERATION	D MAN'S INITIALS	DATE
A	PARTS LIST SPEC & PIN CODE ADDED	ACC	1/2/82
B	ALTERATIONS MKD	MP	Nov 84
*			
FLASHER CONTROL UNIT			
WIRING DIAGRAM & MATERIAL LIST			
Scale		* B	
Drawing No.	SCR/M/III (50F5)		
Drawn	Traced	Checked	Date
A.C.G.		R	18 Feb 82



P.C. HOLES 1mm Dia.
FIXING HOLES 4mm Dia.



P.C BOARD SUPPLIED BY SIGNALLING ELECTRONICS SECTION GLASGOW

ISSUE LETTER	ALTERATION	DMAN'S INITIALS	DATE
A	P.C BOARD CODE ADDED	PC	1/2/83
B	ALTERATIONS MKD *	MP	Nov 84

FLASHER CONTROL
UNIT
P.C BOARD AND PARTS

Scale	1:1	<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> B		
Drawing No.	SCR/M/111(40FS)				
Drawn	Traced	Checked	Date		
ACG		<input checked="" type="checkbox"/>	19 Feb 82		