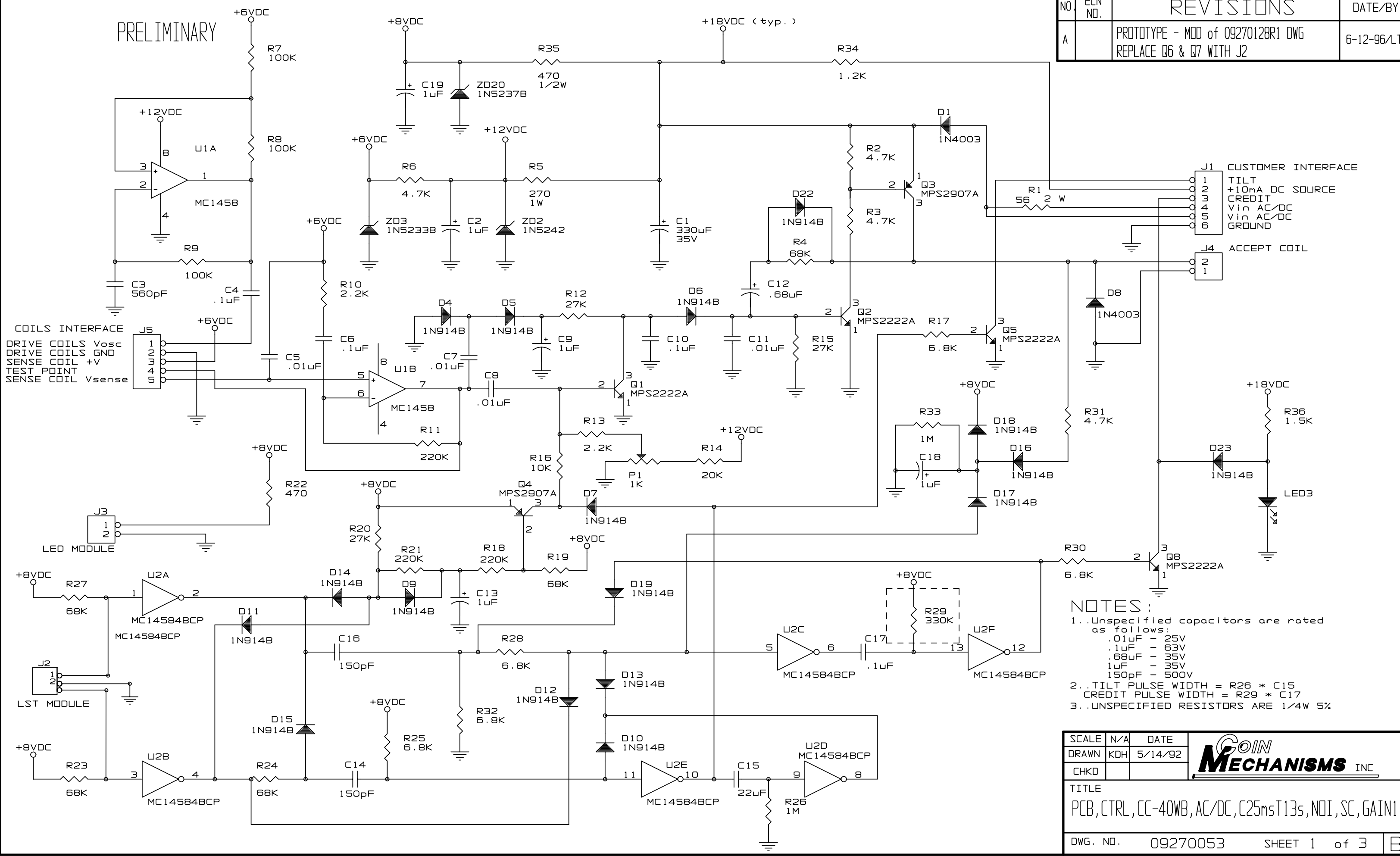


NO.	ECN NO.	REVISIONS	DATE/BY
A		PROTOTYPE - MOD of 09270128R1 DWG REPLACE Q6 & Q7 WITH J2	6-12-96/LT

PRELIMINARY



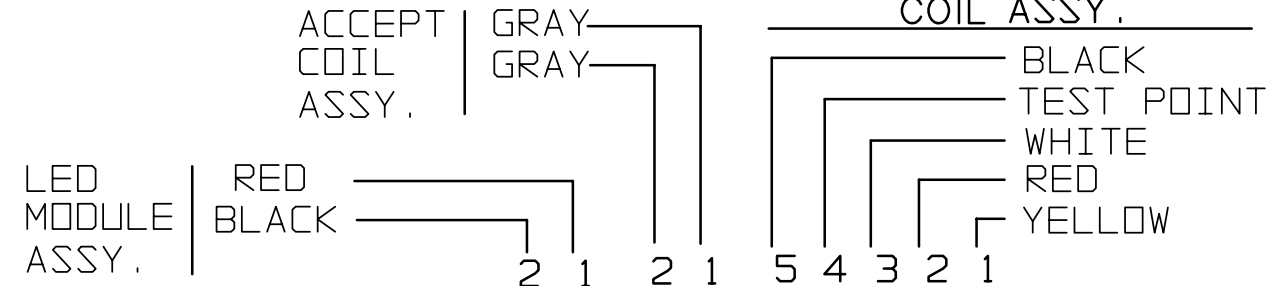
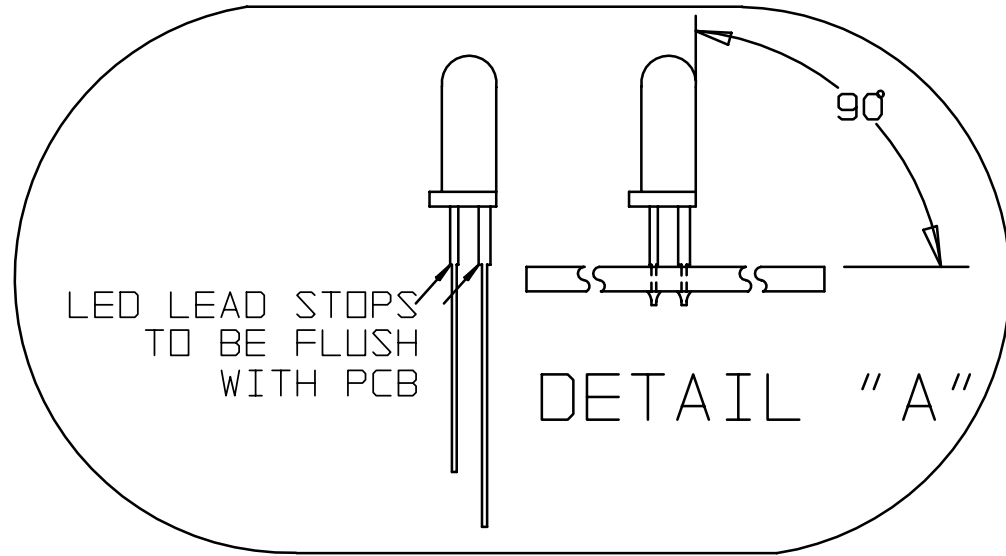
- NOTES:
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = $R26 * C15$
 CREDIT PULSE WIDTH = $R29 * C17$
 - UNSPECIFIED RESISTORS ARE 1/4W 5%

SCALE	N/A	DATE
DRAWN	KDH	5/14/92
CHKD		



TITLE		
PCB, CTRL, CC-40WB, AC/DC, C25msT13s, NOI, SC, GAIN1		
DWG. NO.	09270053	SHEET 1 of 3

NO.	ECO NO.	REVISIONS	DATE/BY
A		PRELIMINARY	6-12-96/LT

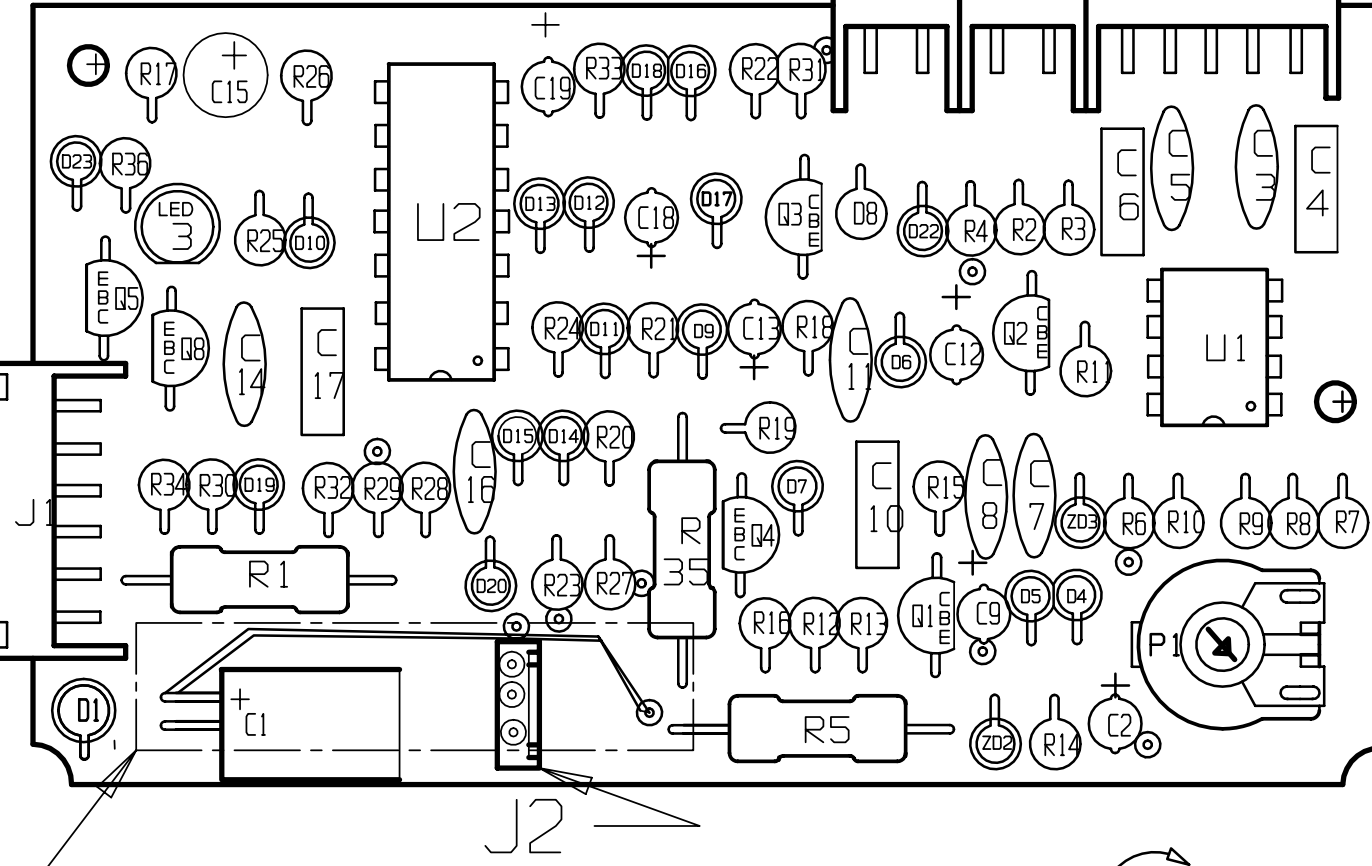
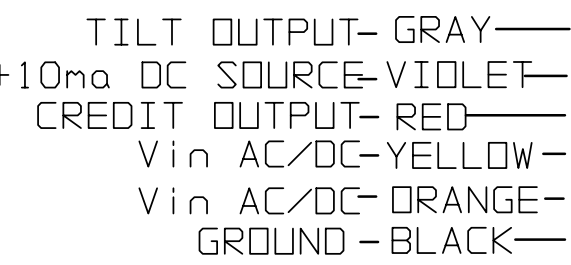


PRELIMINARY

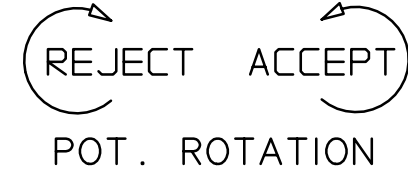
NOTES:

1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN., UNLESS SPECIFIED OTHERWISE.
3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.
6. ATTACH A JUMPER WIRE FROM OLD LOCATION OF THE POSITIVE LEG OF C1 AND REATTACH TO THE POSITIVE LEG OF THE C1. (NEGATIVE LEG IS STILL CONNECTED TO SAME LOCATION)
7. C1 MUST BE LAYED ON ITS SIDE FLUSH TO THE BOARD.

CUSTOMER INTERFACE POWER INPUT



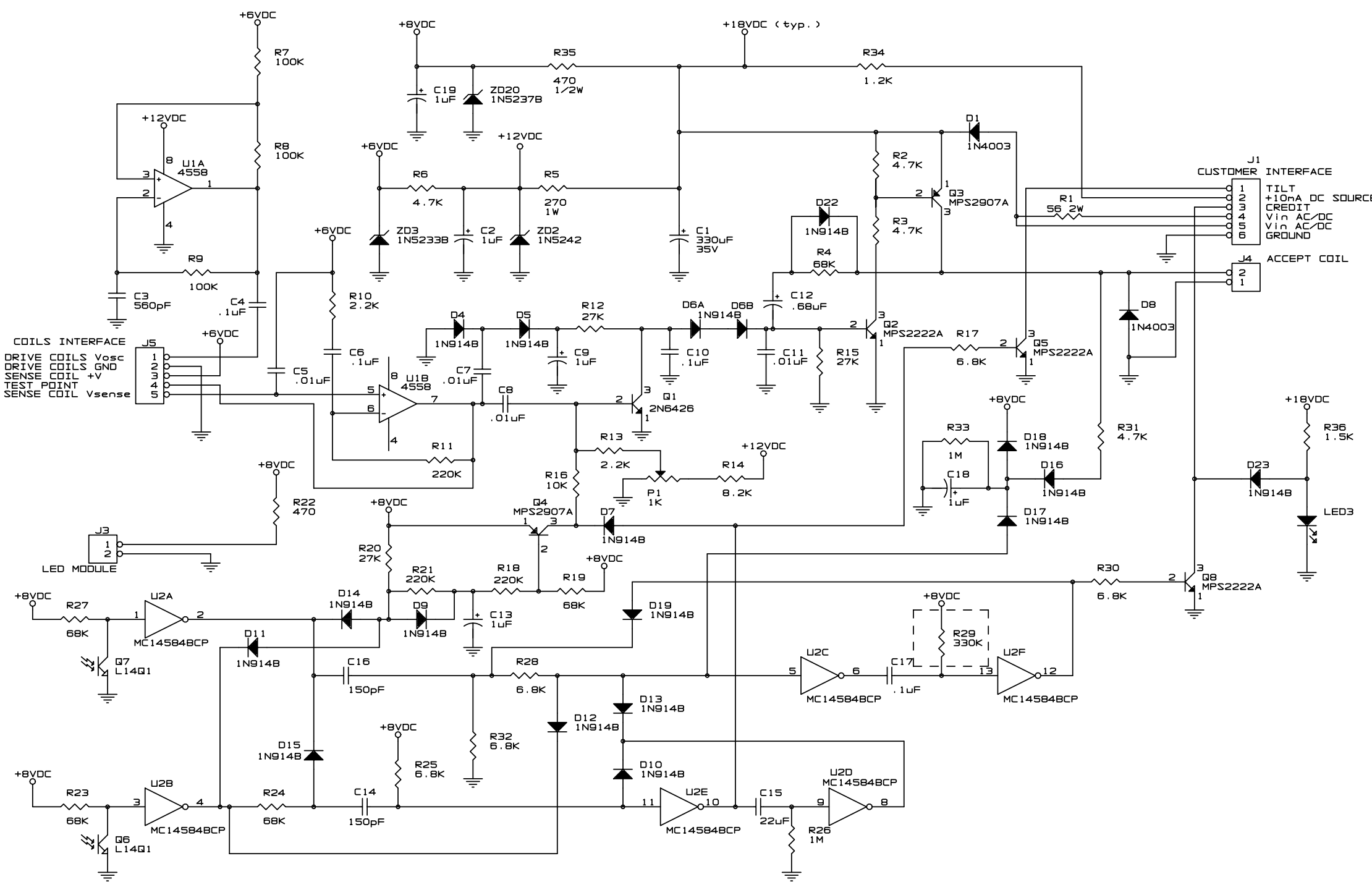
SEE NOTE #6 & #7.




P1 =SLUG REJECTION POTENTIOMETER

SCALE	2"=1	DATE	
DRAWN	SS	5/3/94	
CHKD			
COIN MECHANISMS INC			
TITLE PCB, CTRL, CC-40 WB, AC/DC, C25msT13s, NOI, SC, GAIN1			
DWG. NO.	09270053	SHEET 2 of 3	B

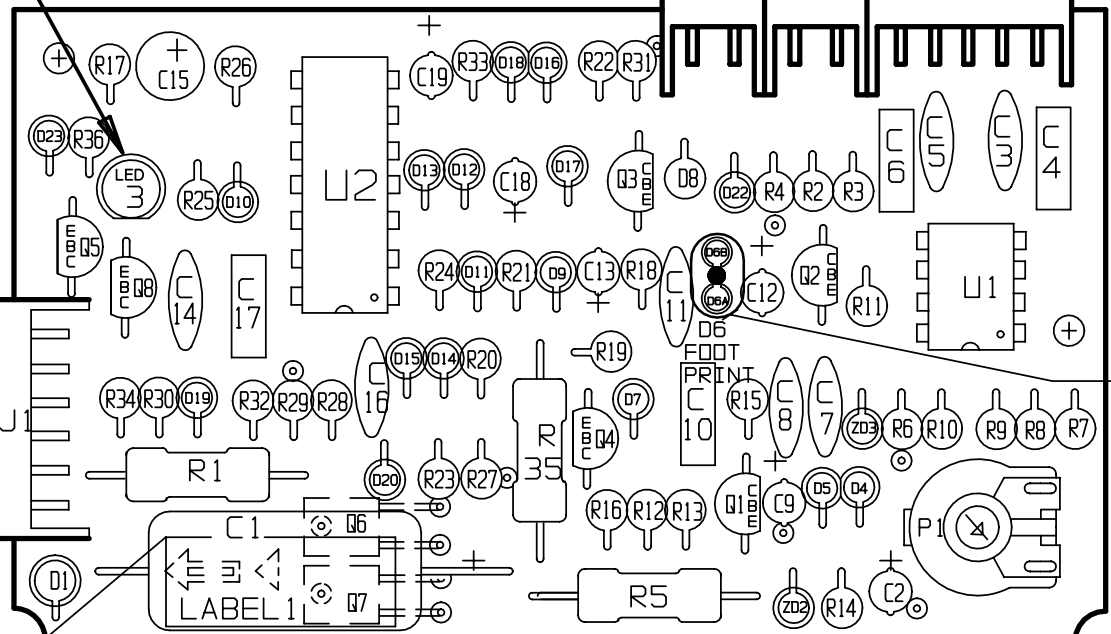
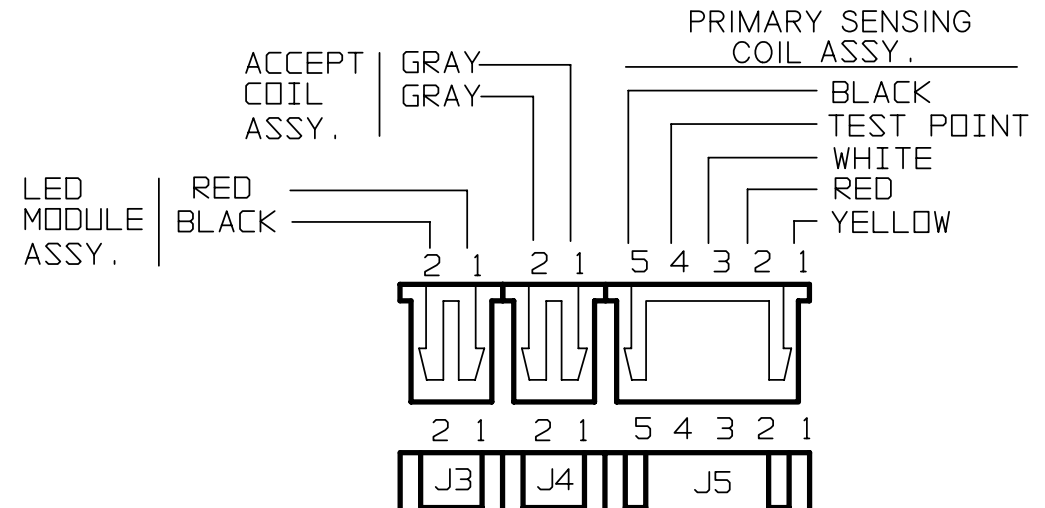
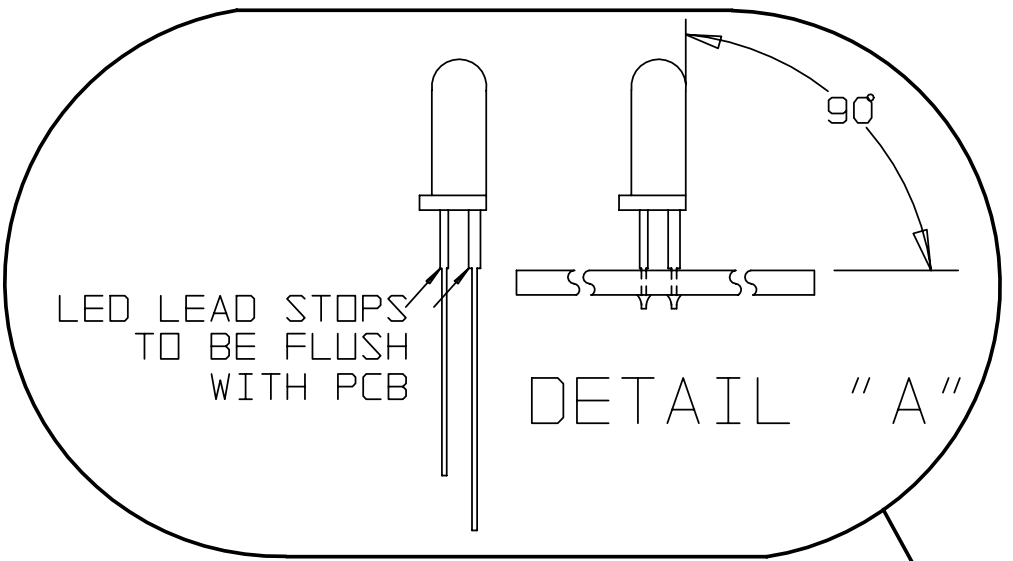
NO.	ECN NO.	REVISIONS	DATE/BY
00		NEW RELEASE	5-14-92/KDH
01	003168	SEE ECO 003168	2-22-93/KDH
	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, AC/DC, C25msT13s, NOI, SC, GAIN1 REMOVE LED3 P/N LL-2203R FROM SCHEMATIC.	8-22-94/SS
	004072	TEXT ERROR, CHANGE U3 TO U2 ON SHEET 2	10-25-95/SS
	004122	TEXT ERROR, CORRECTED COLOR ORDER OF J3 ON SHEET 2	2-8-96 LT
02	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/27/00 BPP



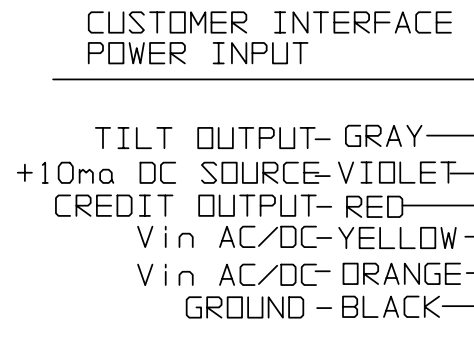
- NOTES:
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 - REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR Q1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE PCB, CTRL, CC-40, AC/DC, C25MS, T13S, NOI, SC, GAIN1			
	DRAWN	KDH	DATE	5/14/92
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD		DATE	
	APP		DATE	
	DWG NO. 09270128		REV 2	
SIZE B	SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 3	

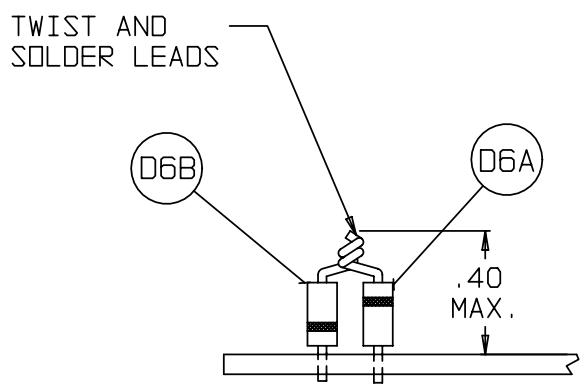
NO.	ECO NO.	REVISIONS	DATE/BY
02	6150	SEE SHEET 1	6/27/00 BPP



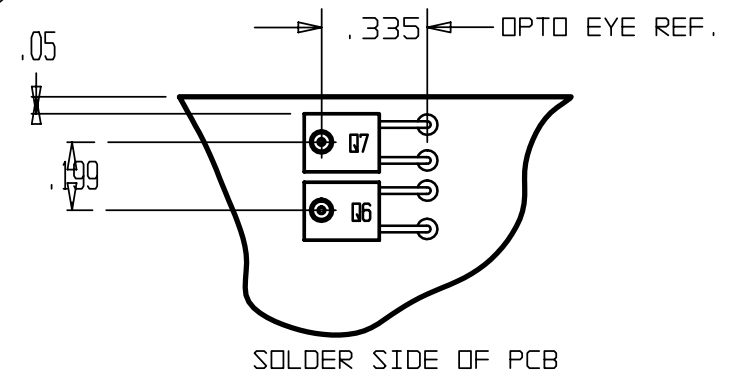
- NOTES :
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM, ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN UNLESS SPECIFIED OTHERWISE.
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN.
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815
 5. ASSEMBLIES TO BE CLEAN OF FLUX AND OTHER OTHER CONTAMINANTS AFTER SOLDERING.



DETAIL B
D6A/D6B



PCB I.D. LABEL 1

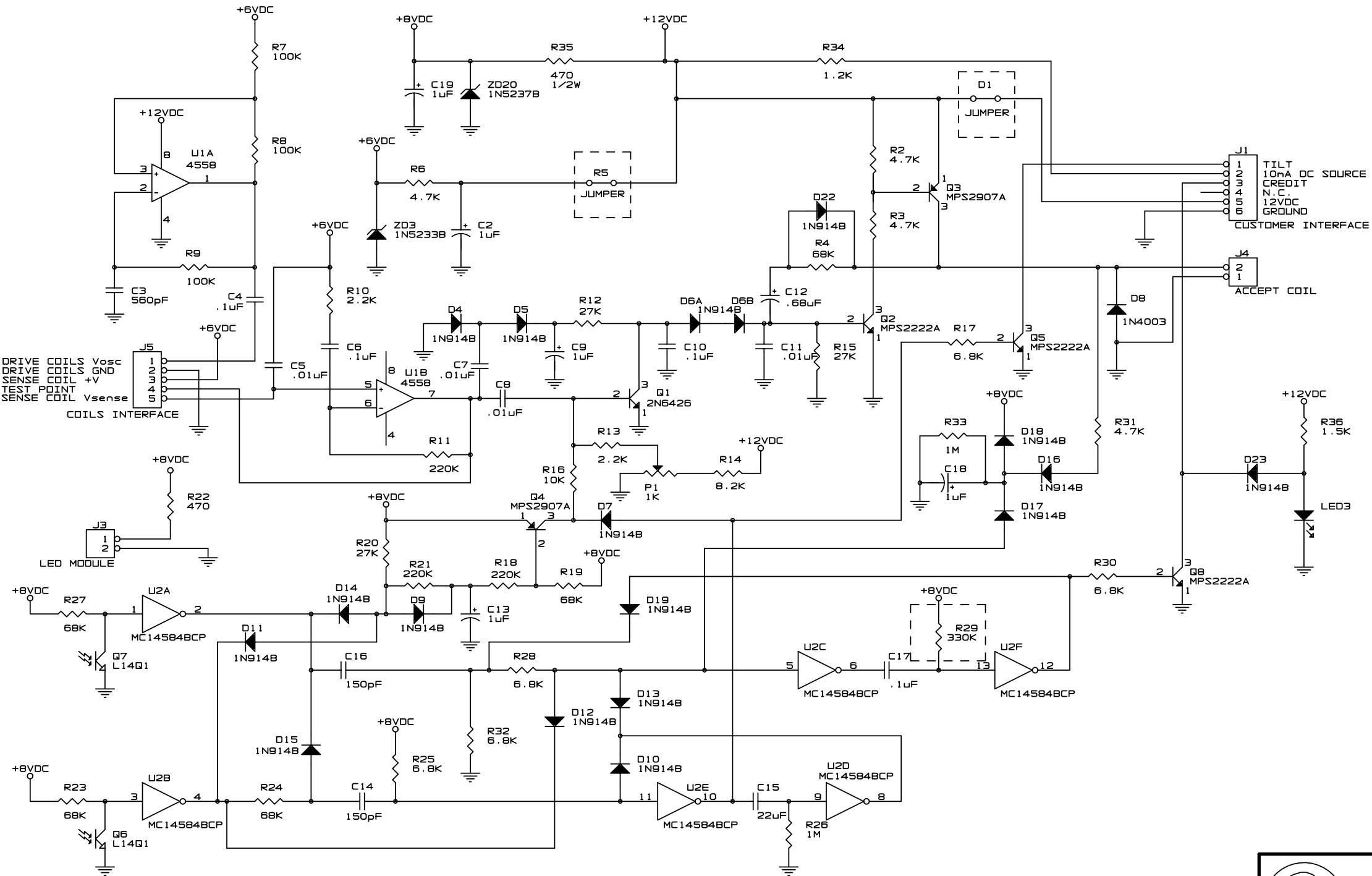


DETAIL B


<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, AC/DC, C25MS, T13S, NOI, SC, GAIN1		
	DRAWN	KDH	DATE 5/14/92
	CHKD		DATE
	APP		DATE
DWG NO. 09270128			REV 2
SIZE B	SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 3

This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

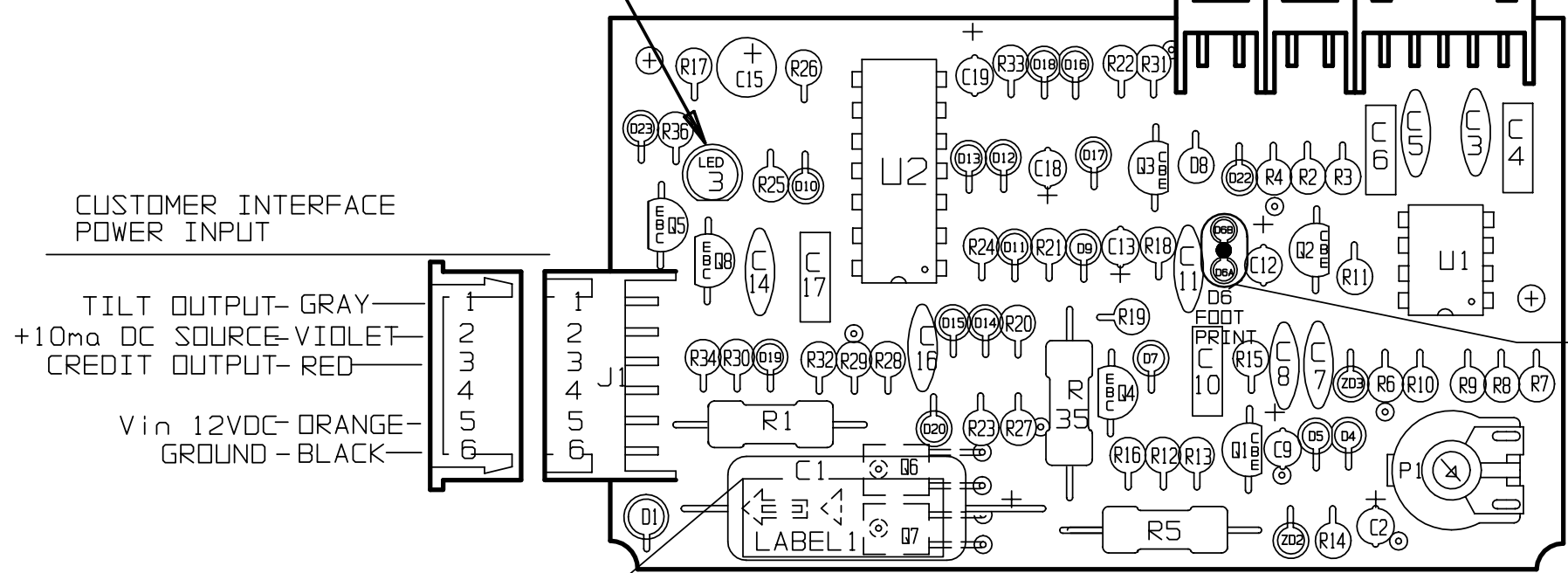
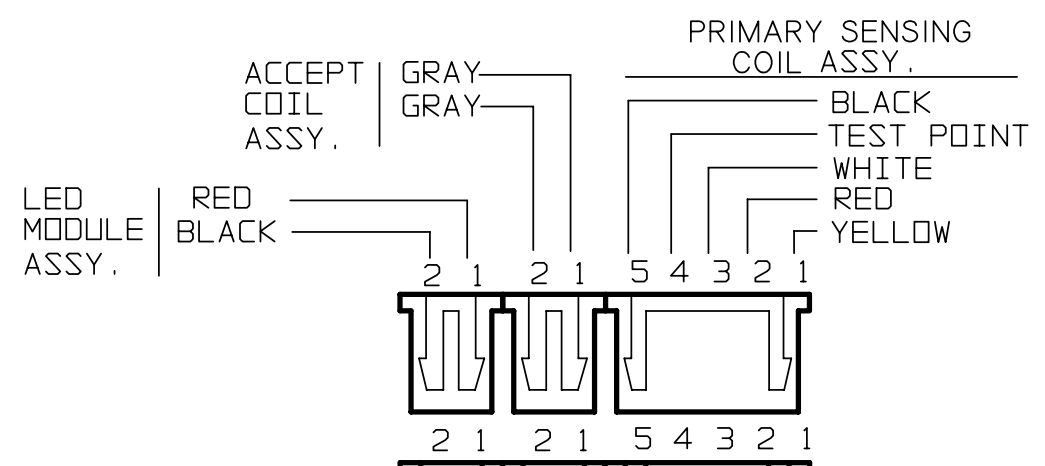
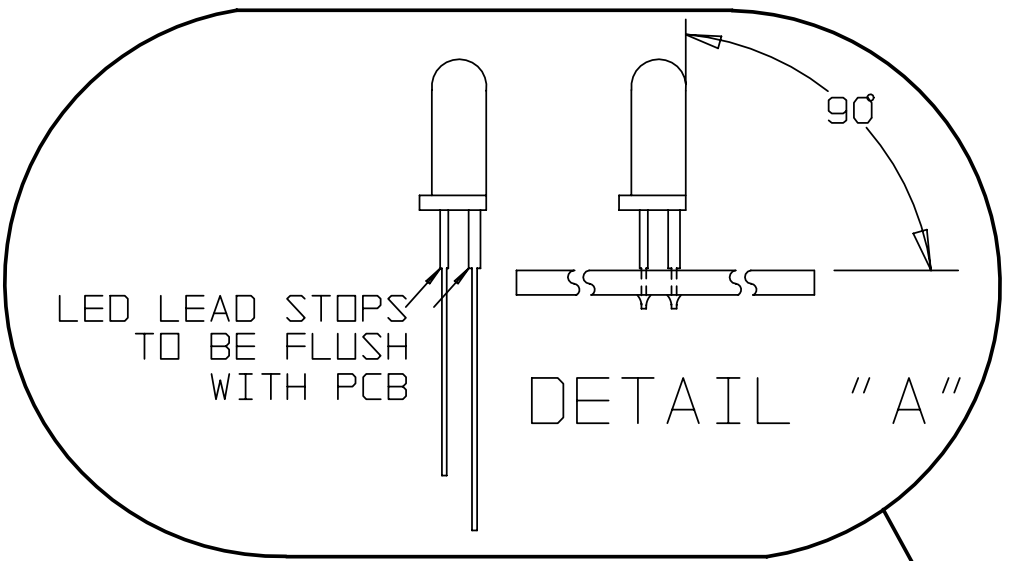
NO.	ECN NO.	REVISIONS	DATE/BY
00		NEW RELEASE	5-14-92/KDH
00	003168	SEE ECO 003168	2-22-93/KDH
	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, AC/DC, C25msT13s, NOI, SC, GAIN1 REMOVE LED3 P/N LL-2203R FROM SCHEMATIC.	8-22-94/SS
		ERROR CORRECTION TO SHEET 2 OF 3 ADD R34, NEXT TO J1.	9-12-94/SS
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/27/00 BPP



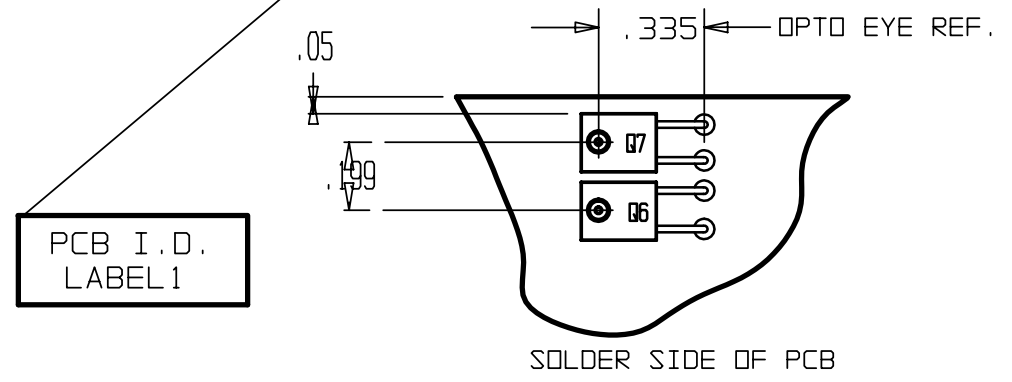
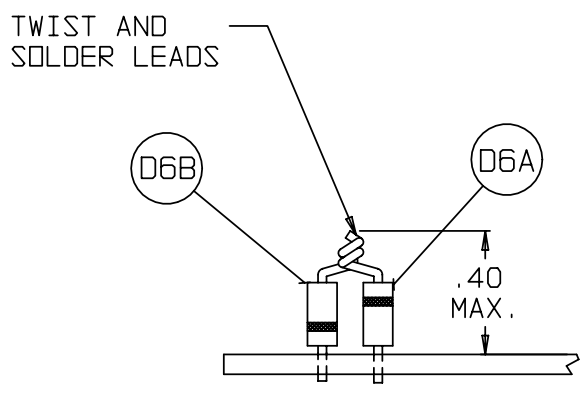
- NOTES:
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 - UNSPECIFIED RESISTORS ARE 1/4W 5%

 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE PCB, CTRL, CC-40, 12VDC, C25MS, T13S, NOI, SC, GAIN1			
	DRAWN	KDH	DATE	4/14/92
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD		DATE	
	APP		DATE	
	DWG NO. 09270129		REV 1	
SIZE B	SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 3	

NO.	ECO NO.	REVISIONS	DATE/BY
01	6150	SEE SHEET 1	6/27/00 BPP

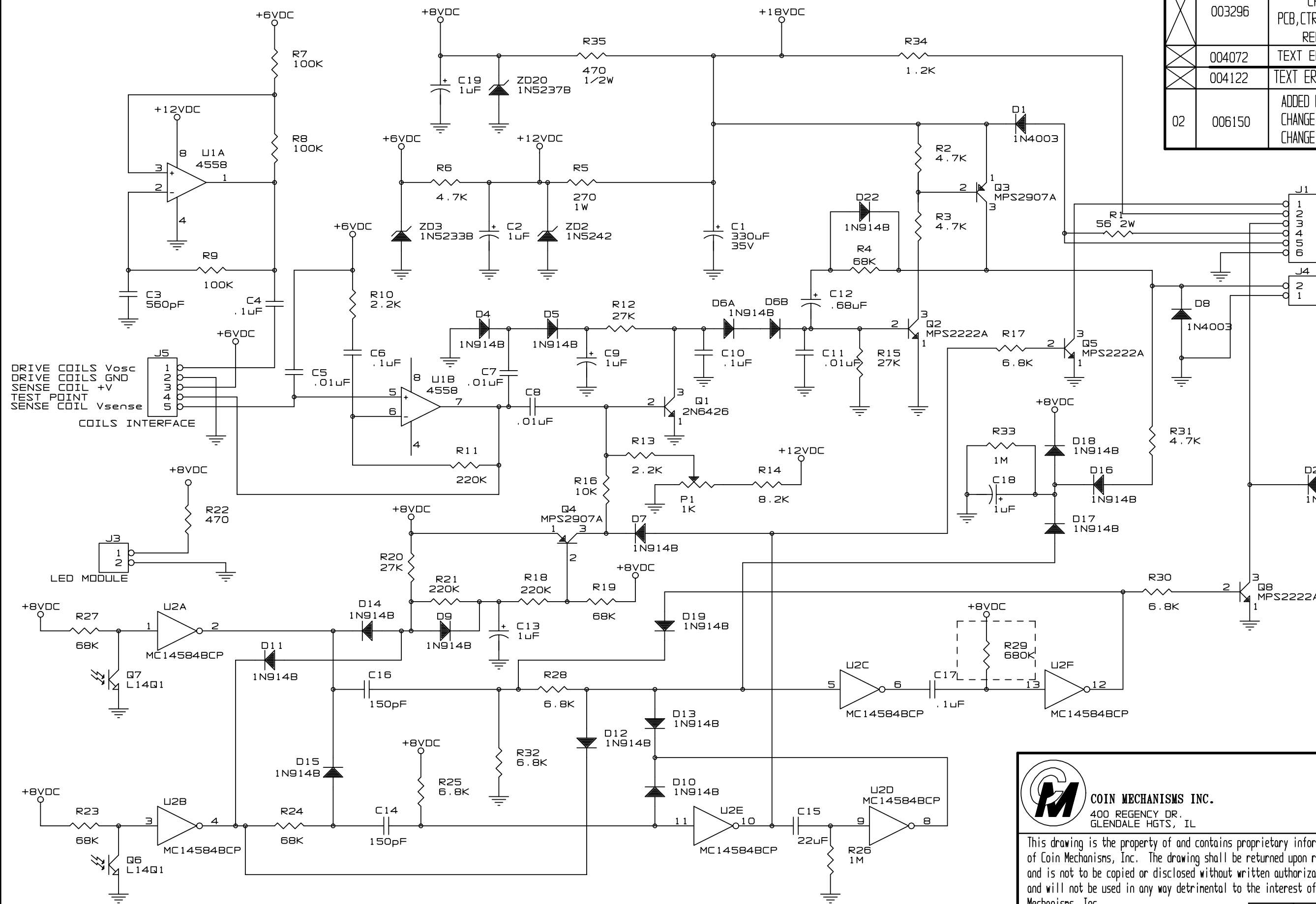


- NOTES :
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM, ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN UNLESS SPECIFIED OTHERWISE.
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN.
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815
 5. ASSEMBLIES TO BE CLEAN OF FLUX AND OTHER OTHER CONTAMINANTS AFTER SOLDERING.



<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, 12VDC, C25MS, T13S, NOI, SC, GAIN1			
	DRAWN	KDH	DATE	5/14/92
<p>This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.</p>	CHKD		DATE	
	APP		DATE	
	DWG NO. 09270129			REV 1
SIZE B	SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 3	

NO.	ECO NO.	REVISIONS	DATE/BY
00		NEW RELEASE	5-18-92/KDH
01		SEE ECO 003168	5-3-94/SS
	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, AC/DC, C25msT13s, NOI, SC, GAIN1 REMOVE LED3 P/N FROM SCHEMATIC	8-22-94/SS
	004072	TEXT ERROR, CHANGE U3 TO U2 ON SHEET 2	10-25-95/SS
	004122	TEXT ERROR, COLOR ORDER OF J3 ON SHEET 2	2-8-96/LT
02	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558	6/27/00 BPP



J1 CUSTOMER INTERFACE
 1 TILT
 2 +10mA DC SOURCE
 3 CREDIT
 4 Vin AC/DC
 5 Vin AC/DC
 6 GROUND

J4 ACCEPT COIL
 2 1

- NOTES:**
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 - REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR D1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

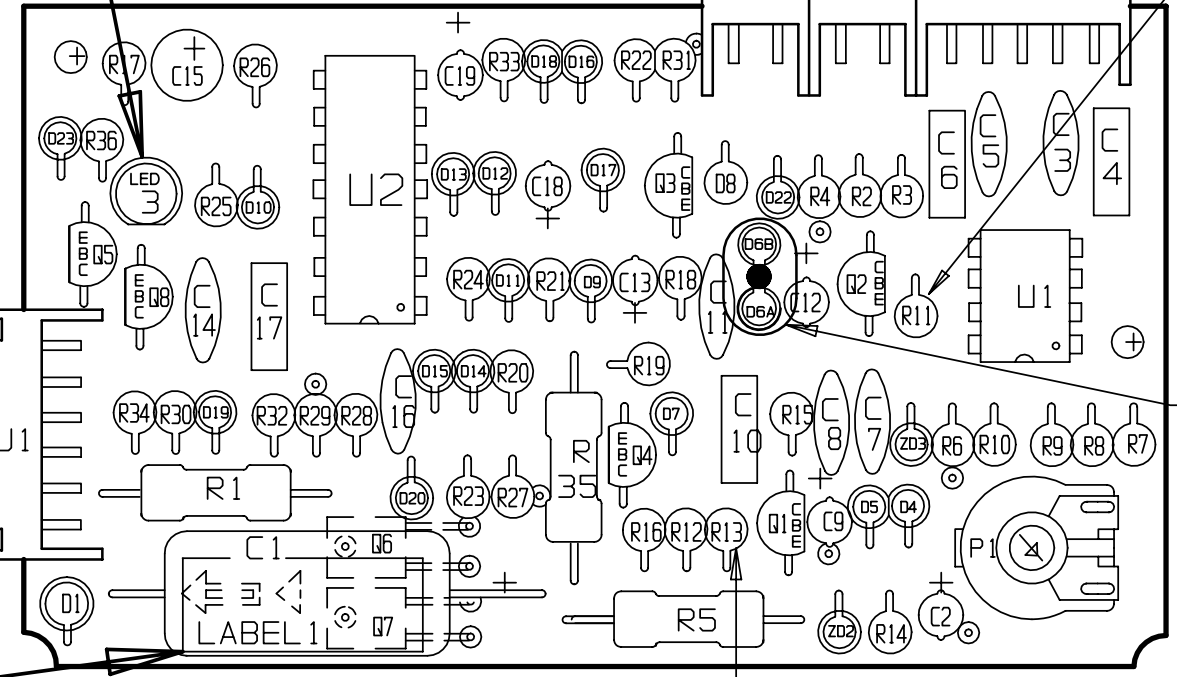
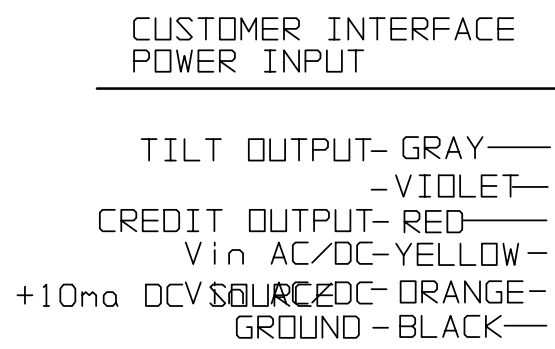
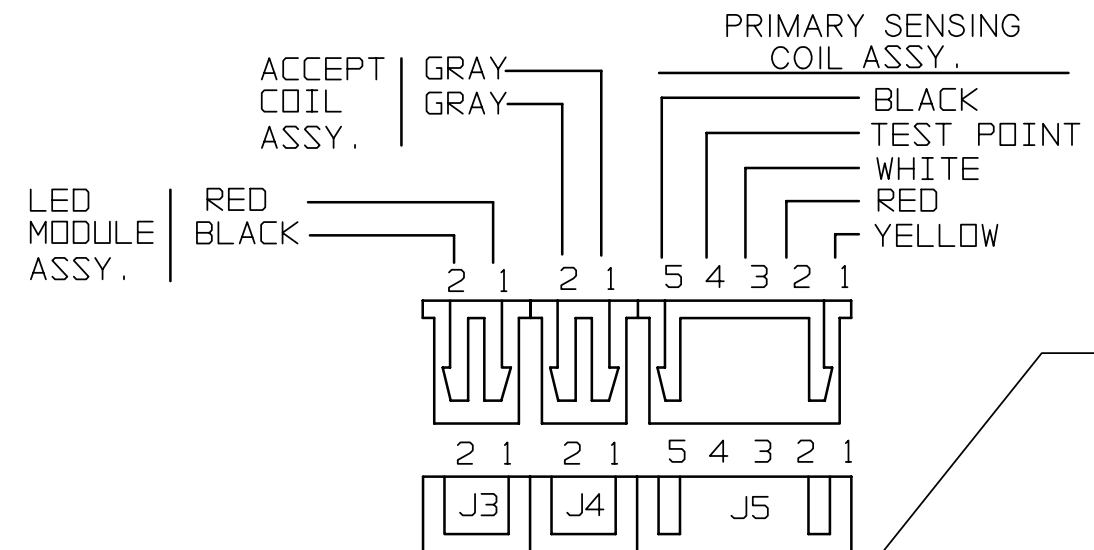
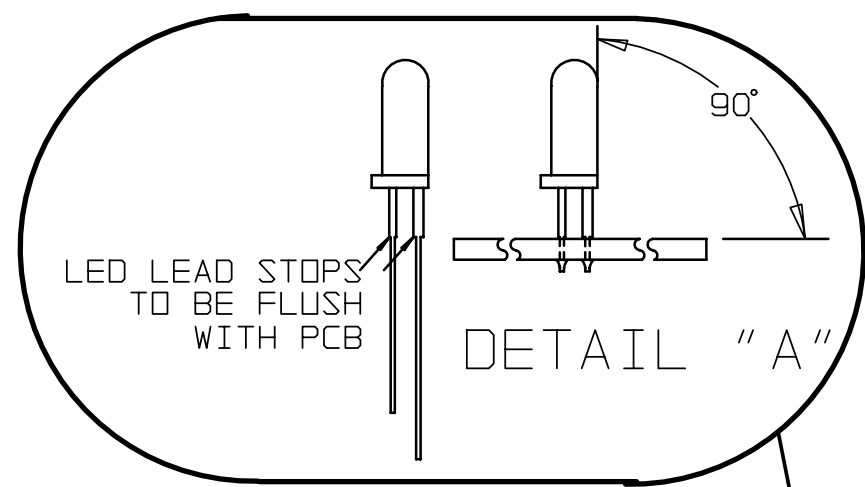
COIN MECHANISMS INC.
 400 REGENCY DR.
 GLENDALE HGTS, IL

This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

TITLE PCB, CTRL, CC-40, AC/DC, C48ms, T13s, NOI, SC, GAIN 1			
DRAWN	KDH	DATE	4/14/92
CHKD		DATE	
APP		DATE	
DWG NO.	09270130	REV	2
COMP NO.	XXXXXXXX	SHT	1 OF 1

SIZEB SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
02	6150	SEE SHEET 1	6/27/00/ BPP



DETAIL "B"
D6A/D6B

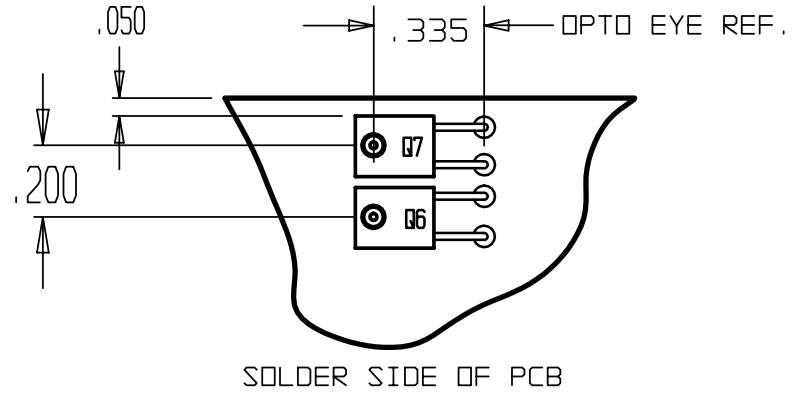
NOTES:

1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM, ALSO SEE PARTS LIST FOR COMPONENT VALUES.
2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN. UNLESS SPECIFIED OTHERWISE.
3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
4. SOLDERIN SHALL BE IN ACCORDACE WITH IPC-S-815
5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.
6. CHANGE R11 FROM 220K FOR GAIN 1 TO 100K FOR GAIN 2
7. CHANGE R13 FROM 2.2K FOR GAIN 1 TO 100 FOR GAIN 2



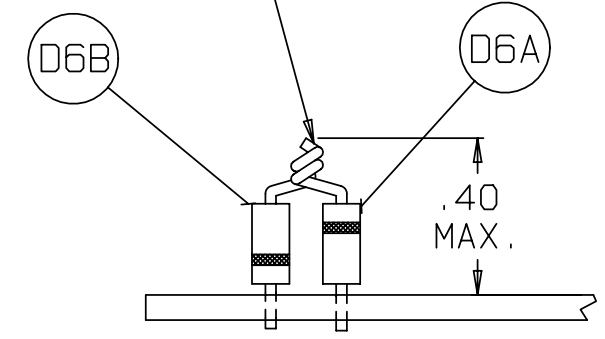
P1=SLUG REJECTION POTENTIOMETER

PCB I.D. LABEL1



SEE NOTE 7

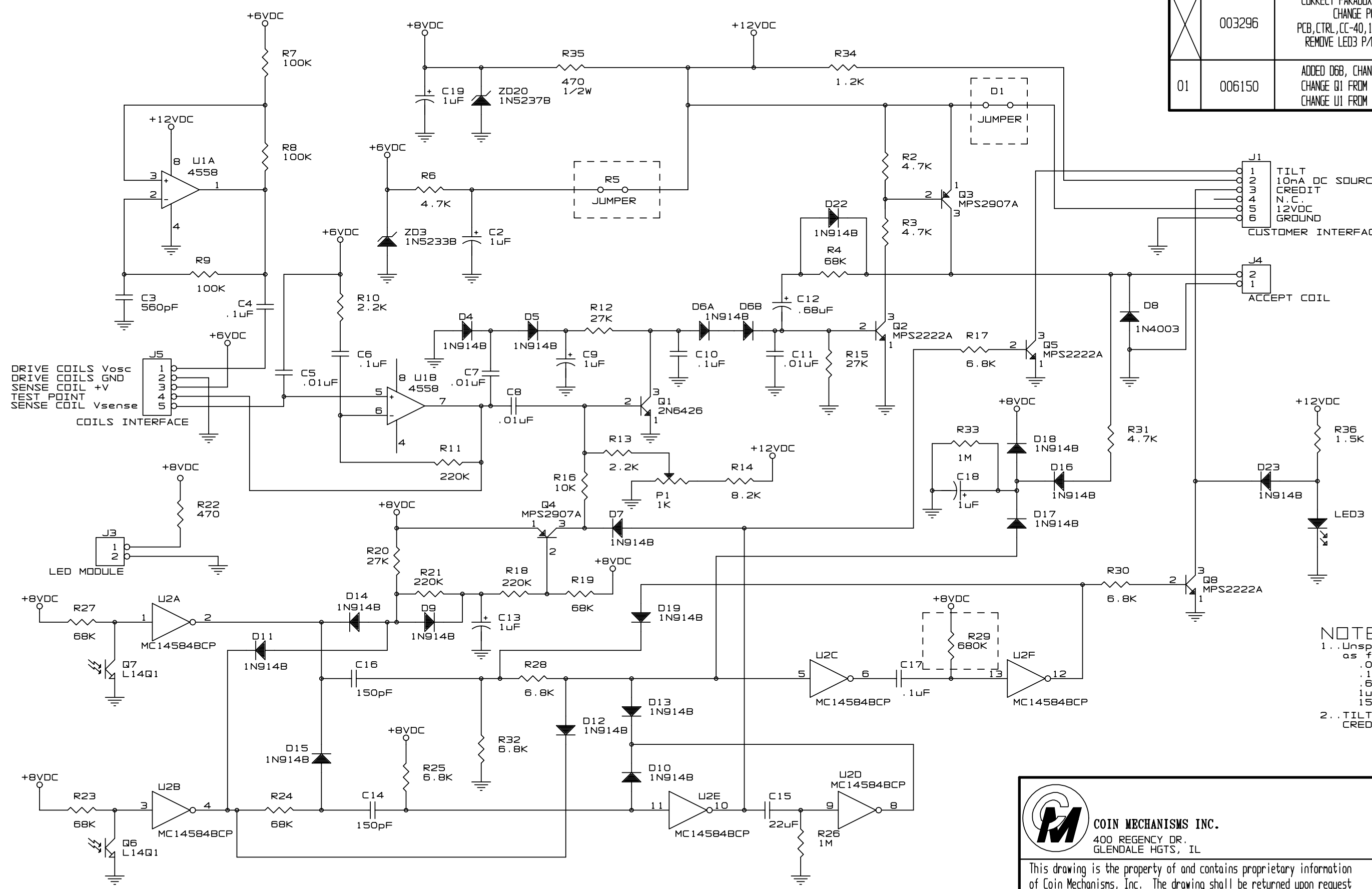
TWIST AND SOLDER LEADS



DETAIL B

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, AC/DC, C48ms, T13s, NOI, SC, GAIN 1			
	DRAWN	SS	DATE	5/3/94
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD		DATE	
	APP		DATE	
	DWG NO. 09270130			REV 2
SIZEB	SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 1	

NO.	ECO NO.	REVISIONS	DATE/BY
00		NEW RELEASE	5-14-92/KDH
	003168	CHANGE OPTO REF. DIM.	5-3-94/SS
	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, 12VDC, C48ms T13s, NOI, SC, GAIN 1 REMOVE LED3 P/N LL-2203R FROM SCHEMATIC	8-24-94 SS
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/30/00 BPP



NOTES:
 1..Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 2..TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17

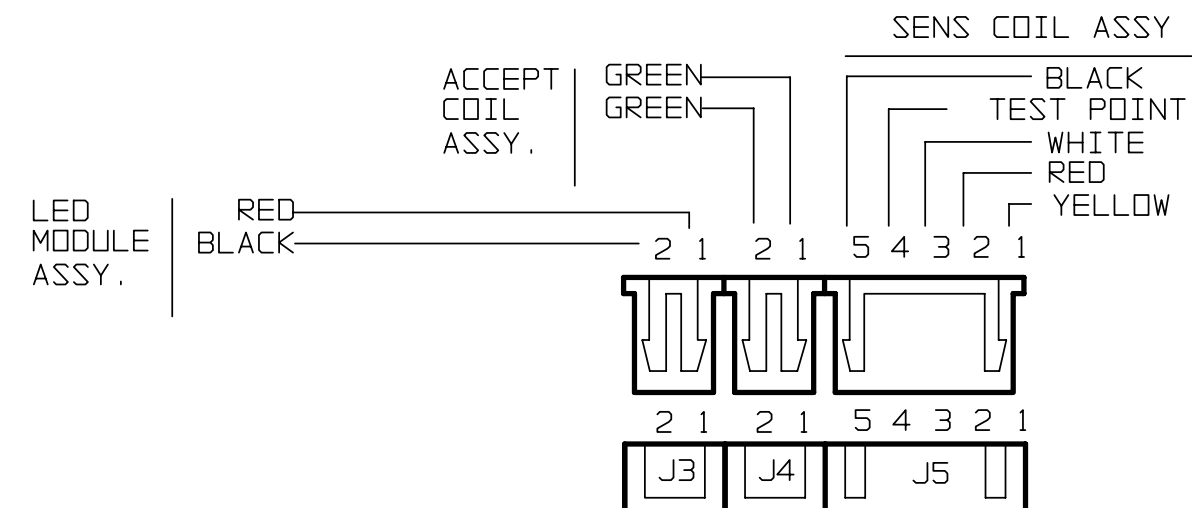
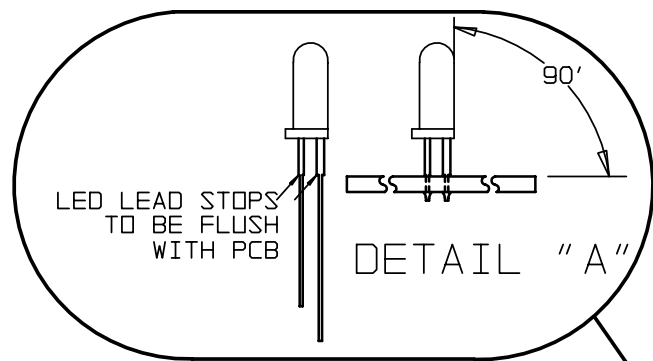
COIN MECHANISMS INC.
 400 REGENCY DR.
 GLENDALE HGTS, IL

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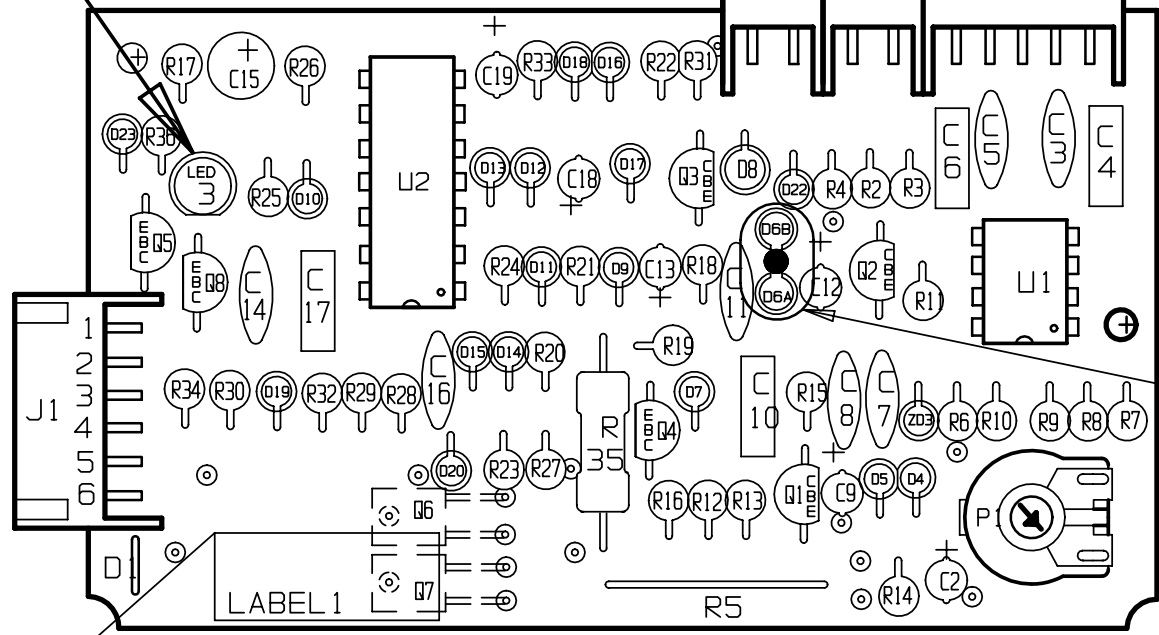
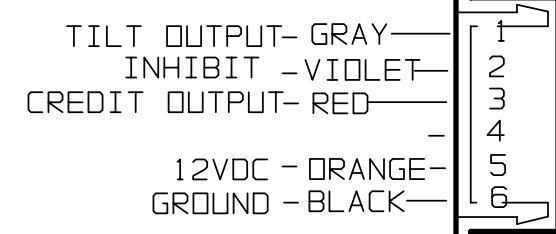
TITLE			
PCB, CTRL, CC-40, 12VDC, C48ms, T13s, NOI, SC, GAIN 1			
DRAWN	KDH	DATE	4/14/92
CHKD		DATE	
APP		DATE	
DWG NO. 09270131			REV 1
COMP NO. XXXXXXXX			SHT 1 OF 1

SIZEB SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
01	6150	SEE SHEET 1	6/30/00 BPP

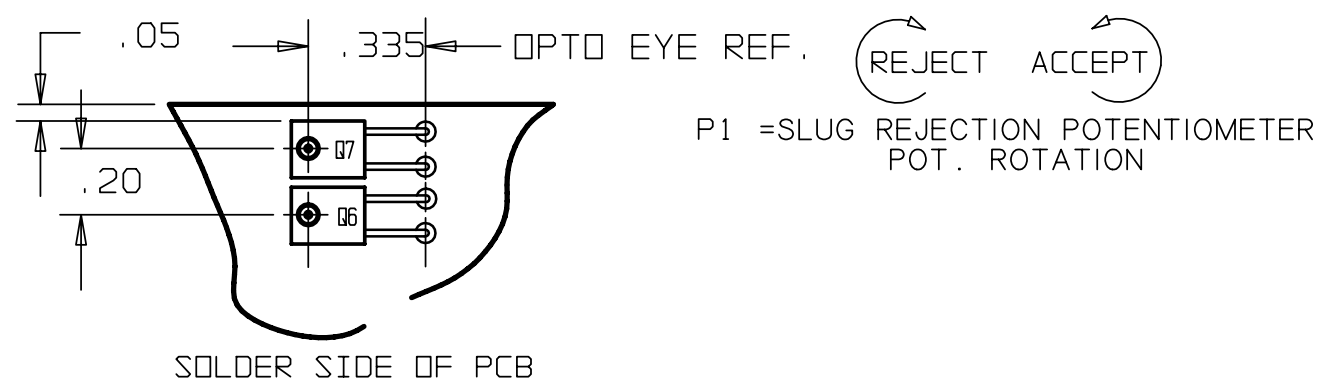


POWER INPUT AND INTERFACE

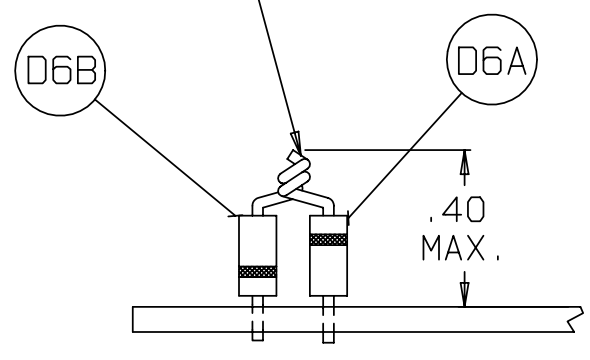


DETAIL "B"
D6A/D6B

PCB I.D.
LABEL 1



TWIST AND SOLDER LEADS



DETAIL B

NOTES :

1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN. UNLESS SPECIFIED OTHERWISE.
3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.



COIN MECHANISMS INC.
400 REGENCY DR.
GLENDALE HGTS, IL

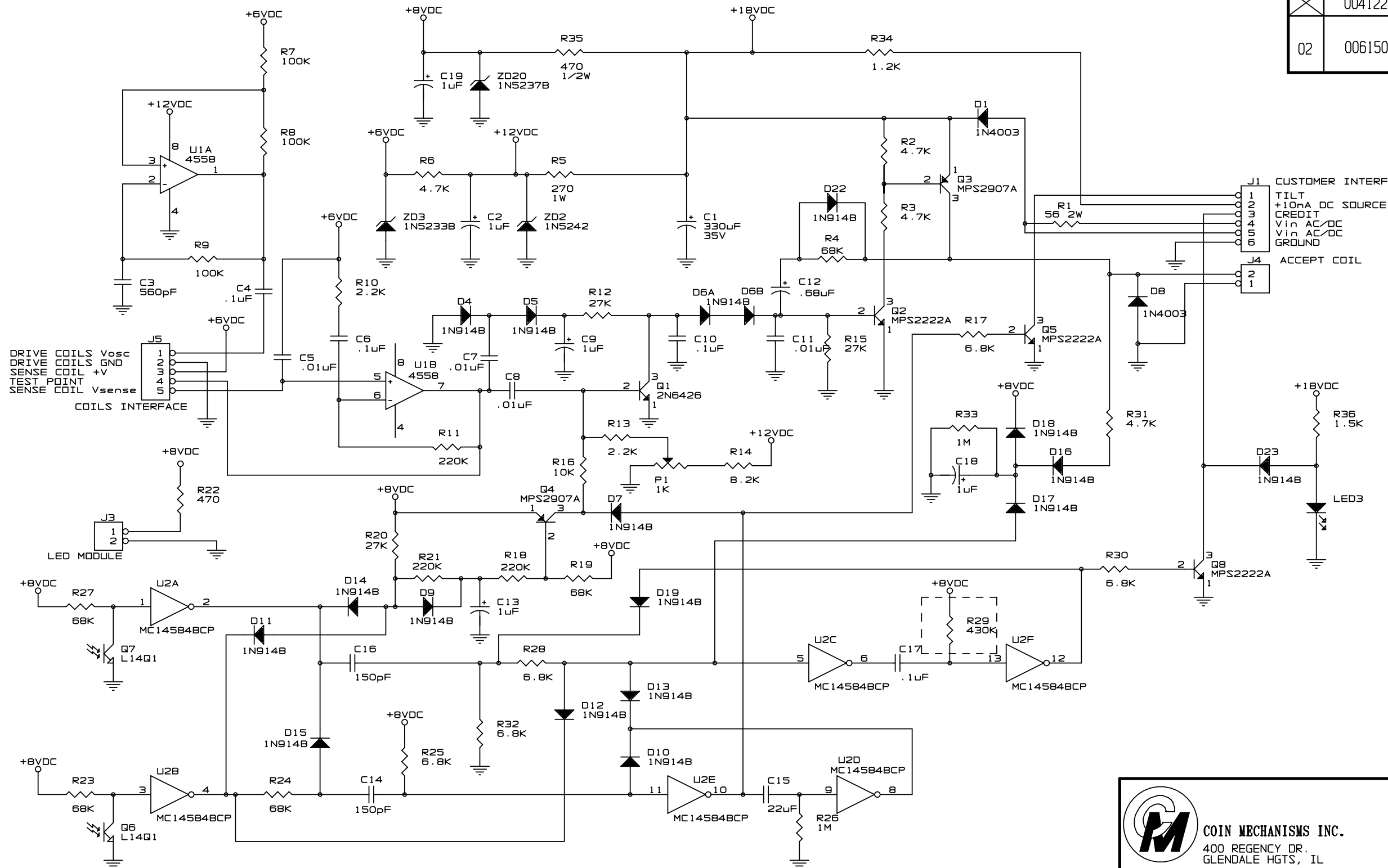
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

TITLE
PCB, CTRL, CC-40, 12VDC, C48ms,
T13s, NOI, SC, GAIN 1

DRAWN	SS	DATE	5/3/94
CHKD		DATE	
APP		DATE	
DWG NO.	09270131		REV 1
COMP NO.	XXXXXXXX	SHT	1 OF 1

SIZE B SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
00		NEW RELEASED	5-18-92/KDH
01	003168	SEE ECO 003168	5-3-94/SS
	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, AC/DC, C30msT13s, NOI, SC, GAIN1 REMOVE LED3 P/N LL-2203R FROM SCHEMATIC	8-24-94/SS
	004072	TEXT ERROR, CHANGE U3 TO U2 ON SHEET 2	10-25-95/SS
	004122	TEXT ERROR, CORRECTED COLOR ORDER OF J3 ON SHEET 2	2-7-96/LT
02	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP



- NOTES:
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 - REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR D1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

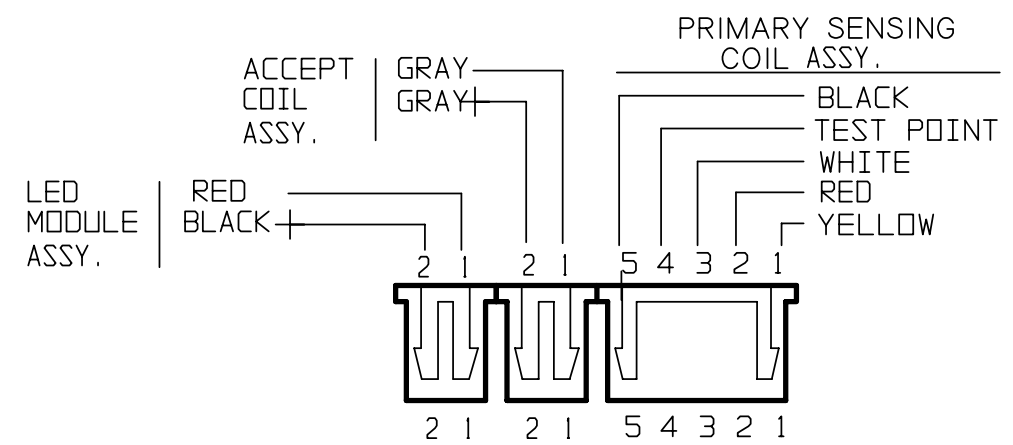
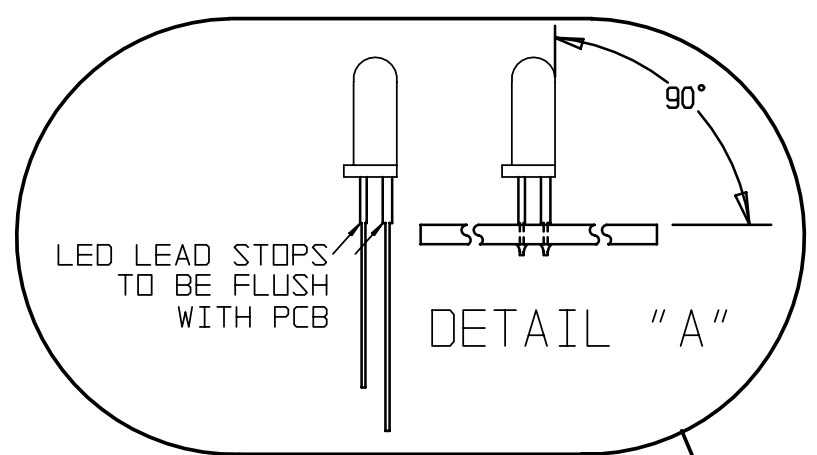
CM COIN MECHANISMS INC.
 400 REGENCY DR.
 GLENDALE HGTS, IL

This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

TITLE PCB, CTRL, CC-40, AC/DC, C30ms, T13s, NOI, SC, GAIN 1			
DRAWN	KDH	DATE	4/14/92
CHKD		DATE	
APP		DATE	
DWG NO.	09270133	REV	2
COMP NO.	XXXXXXXXX	SHT	1 OF 1

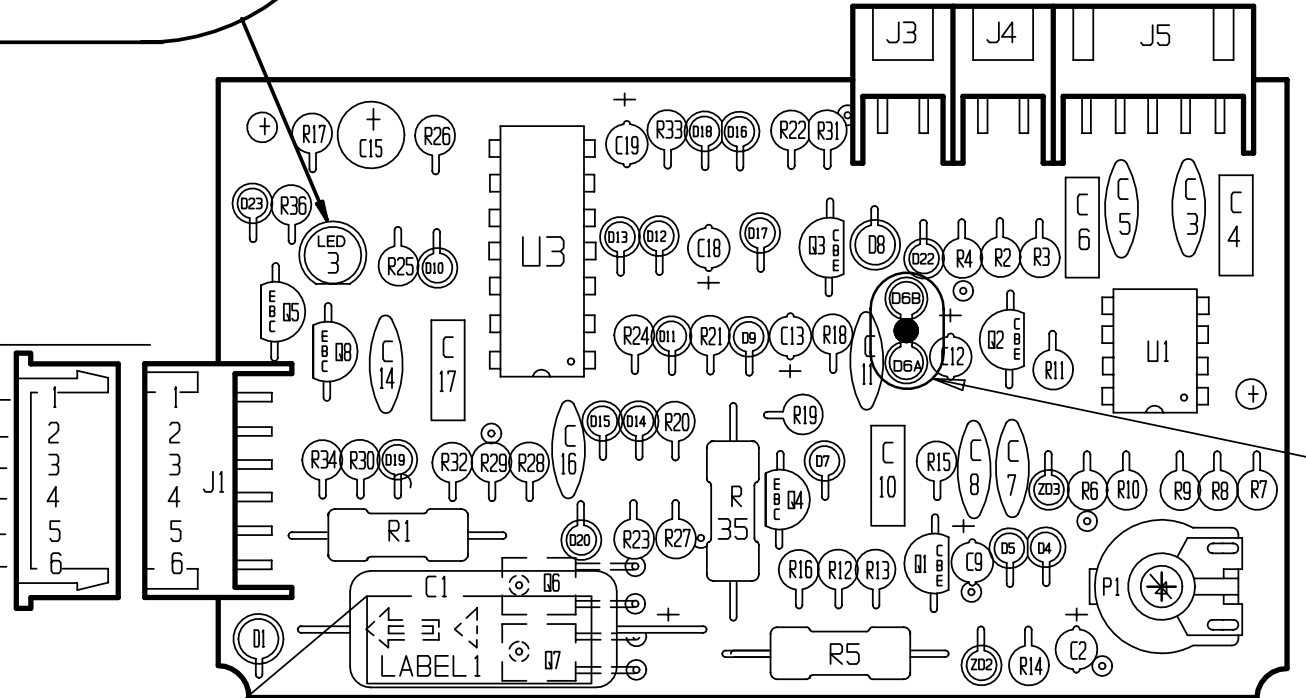
SIZEB SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
02	006150	SEE SHEET 1	6/28/00 BPP

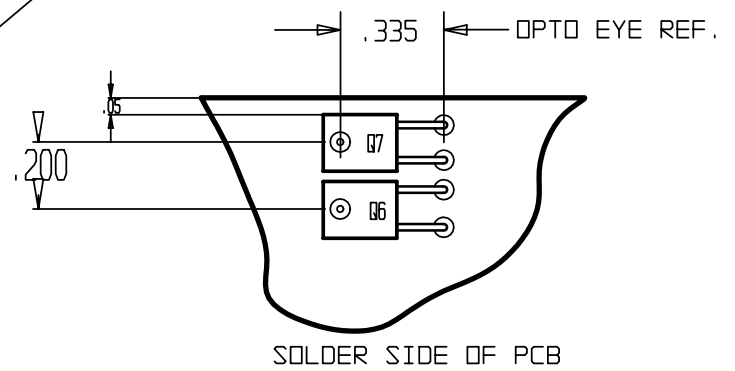


CUSTOMER INTERFACE POWER INPUT

- TILT OUTPUT - GRAY
- +10ma DC SOURCE - VIOLET
- CREDIT OUTPUT - RED
- Vin AC/DC - YELLOW
- Vin AC/DC - ORANGE
- GROUND - BLACK

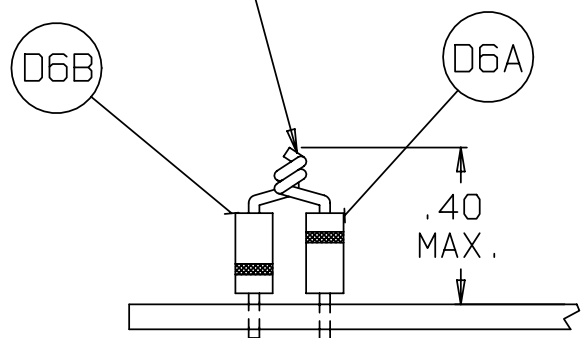


DETAIL "B"
D6A/D6B



P1=SLUG REJECTION POTENTIOMETER

TWIST AND SOLDER LEADS



DETAIL B

NOTES:

1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN., UNLESS SPECIFIED OTHERWISE.
3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.



COIN MECHANISMS INC.
400 REGENCY DR.
GLENDALE HGTS, IL

TITLE
PCB, CTRL, CC-40, AC/DC, C30ms
T13s, NOI, SC, GAIN 1

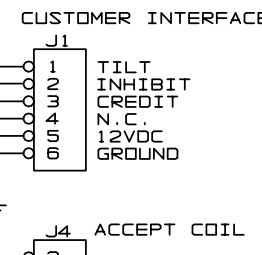
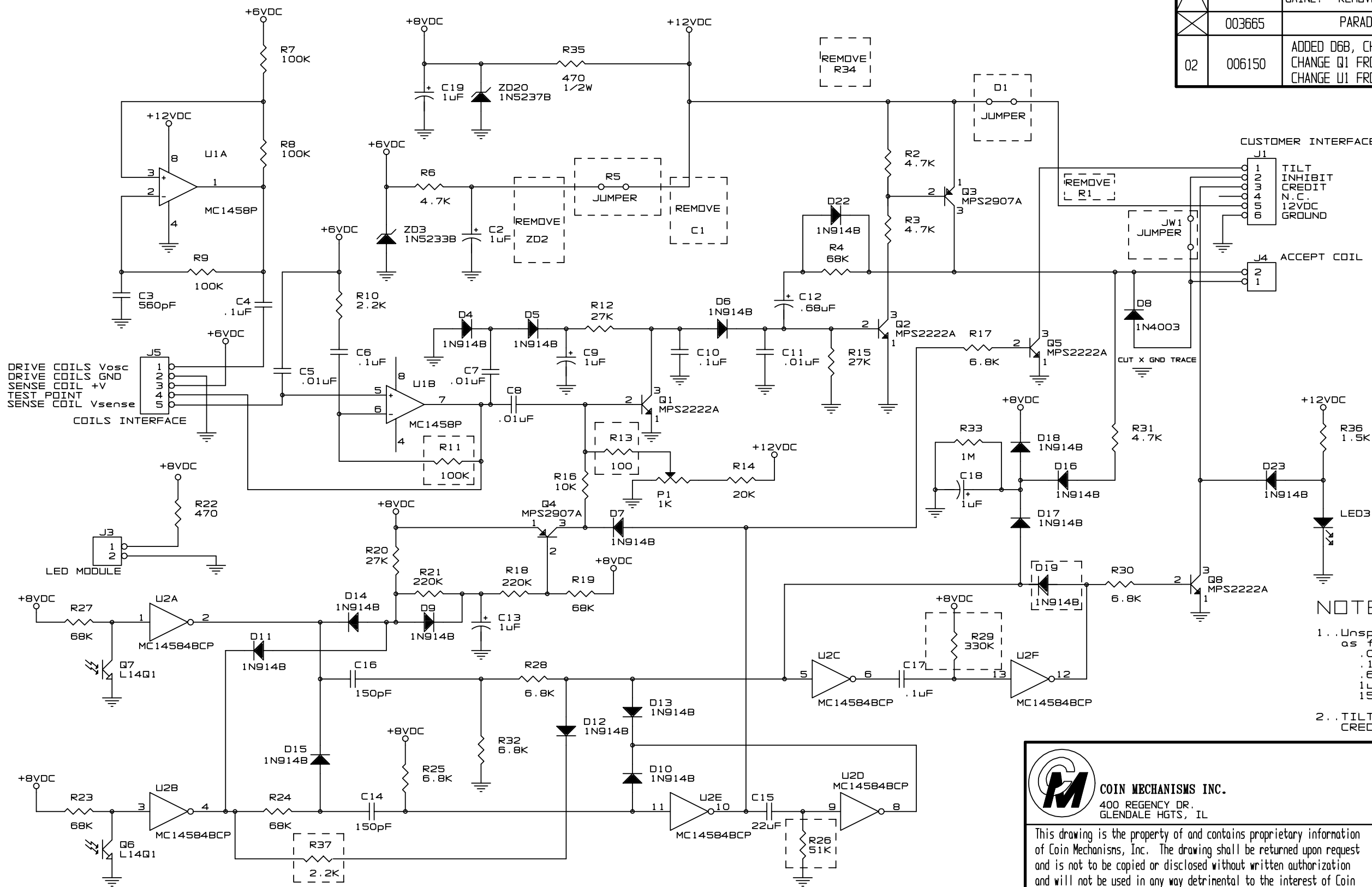
DRAWN	SS	DATE	5/3/94
CHKD		DATE	
APP		DATE	

This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

DWG NO.	09270133	REV	2
COMP NO.	XXXXXXXXX	SHT	1 OF 1

SIZE B SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
00		NEW RELEASED	5-14-92/KDH
	003168	SEE ECO 003168	5-3-94/SS
	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, 12VDC, C25msT650ms, INH, SC, GAIN2. REMOVE LED3 P/N FROM SCHEMATIC	8-24-94/SS
	003665	PARADOX CORRECTION	1-27-95/SS
02	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP



NOTES:

- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
- TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17

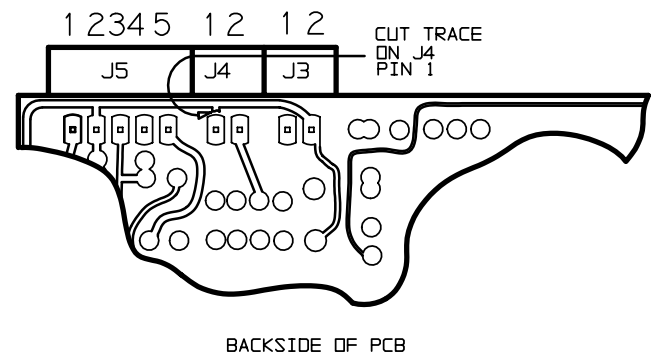
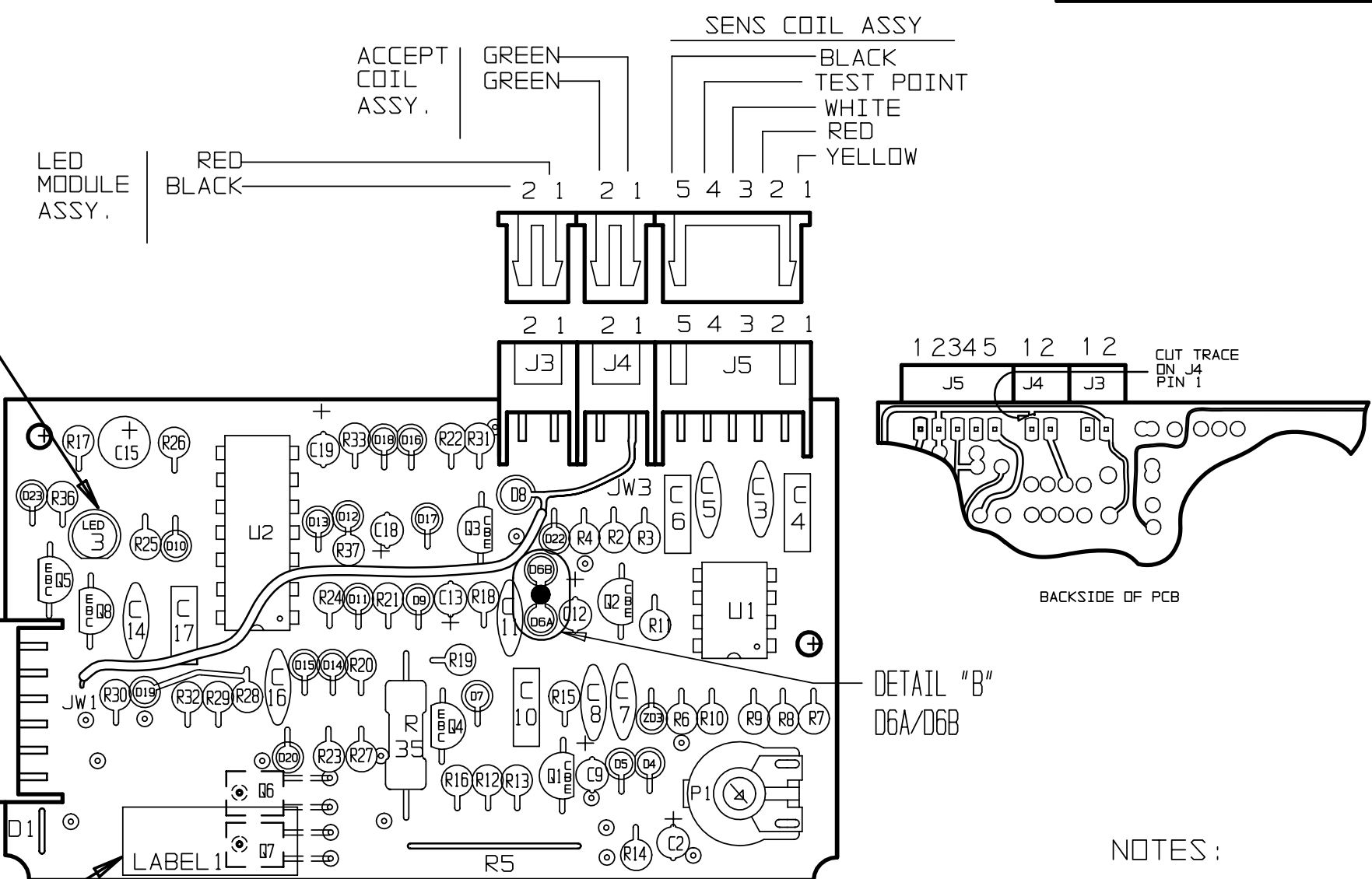
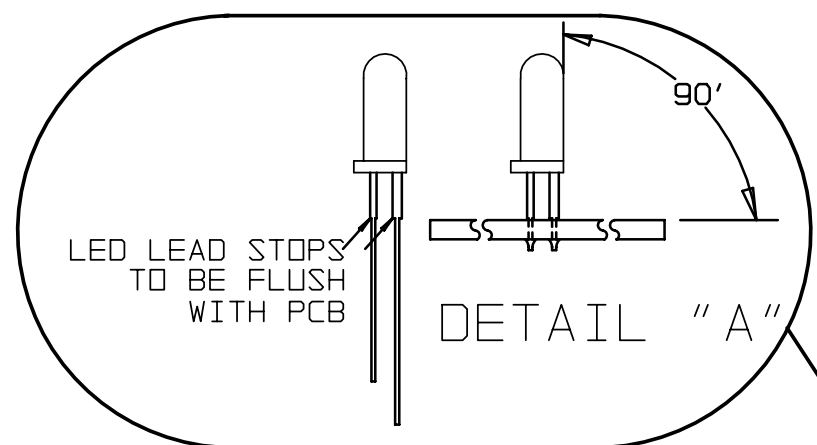
COIN MECHANISMS INC.
 400 REGENCY DR.
 GLENDALE HGTS, IL

This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

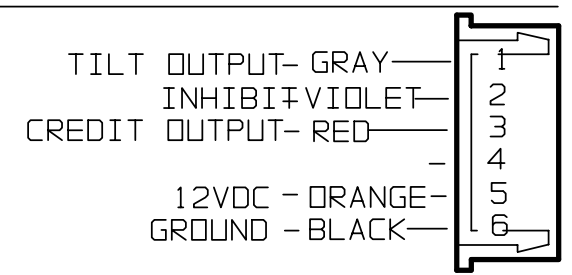
TITLE PCB, CTRL, CC-40, 12VDC, C25ms, T650ms, INH, SC, GAIN 2			
DRAWN	KDH	DATE	4/14/92
CHKD		DATE	
APP		DATE	
DWG NO. 09270134			REV 1
COMP NO.	XXXXXXXX	SHT	1 OF 1

SIZE B SCALE X=X

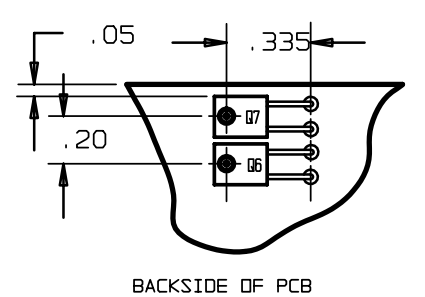
NO.	ECO NO.	REVISIONS	DATE/BY
01	006150	SEE SHEET 1	6/28/00 BPP



POWER INPUT AND INTERFACE



PCB I.D. LABEL 1

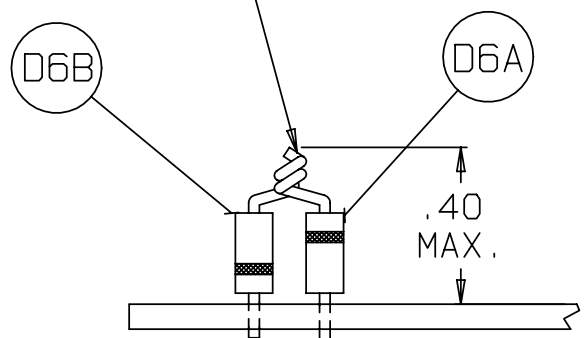


DETAIL "B"
D6A/D6B

NOTES :

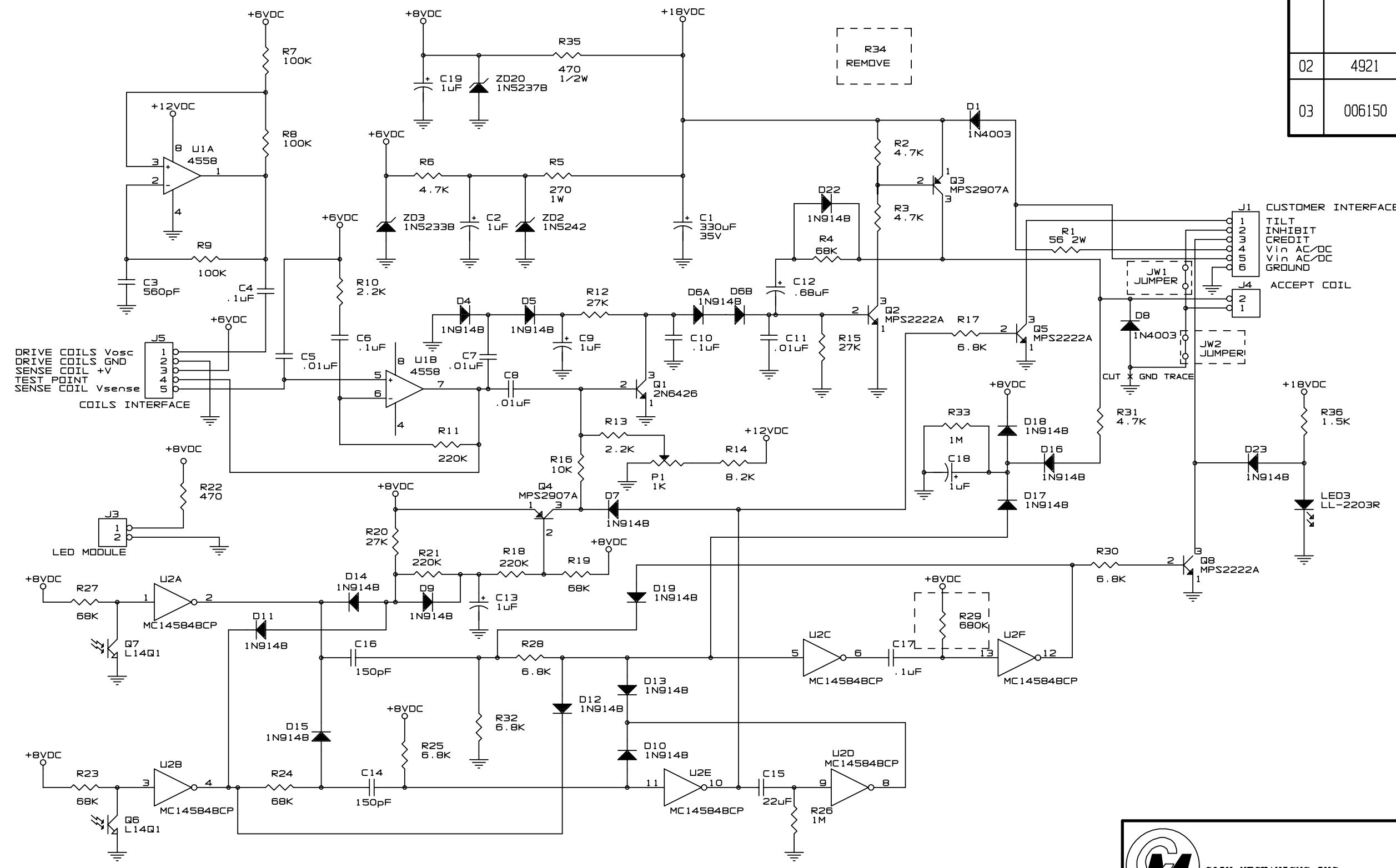
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN. UNLESS SPECIFIED OTHERWISE.
3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

TWIST AND SOLDER LEADS




<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, 12VDC, C25ms T650ms, INH, SC, GAIN 2		
	DRAWN	SS	DATE 5/3/94
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD	DATE	
	APP	DATE	
	DWG NO. 09270134	REV 1	
SIZE B SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 1	

NO.	ECO NO.	REVISIONS	DATE/BY
00		NEW RELEASED	5-18-92/KDH
	486	CHANGED LST OPTO REF. DIM. .355 WAS .31	10/09/92 SS
01	3168	CHANGE R1 FROM 100 1/2W TO 56 2W. CHANGE C1 FROM 220uF 25V TO 330uF 35V. UPDATED LED3 P/N TO LL-2203R. UPDATE TEXT AT J1 PINS 4&5. REVERSE LABELS ON J5 PINS 4&5 SHEET 1. ADD I.D. LABEL (LABEL 1) TO SHEET2 GENERATED SHEET 3 ENG BOM.	5/3/94 SS
02	4921	R29 WAS 330K	9/19/97 BP
03	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP



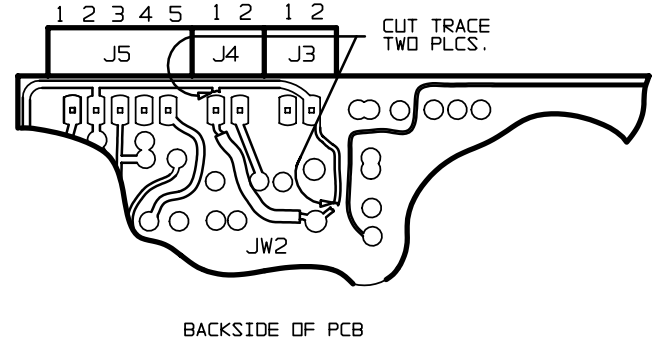
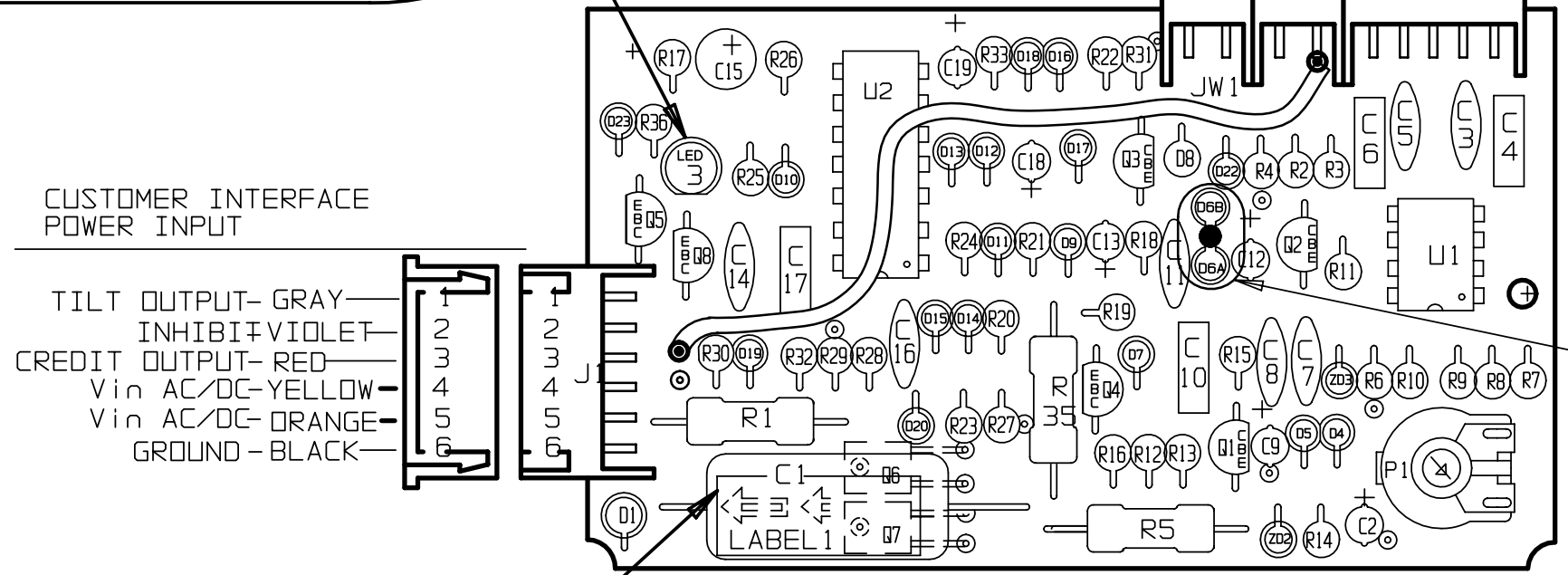
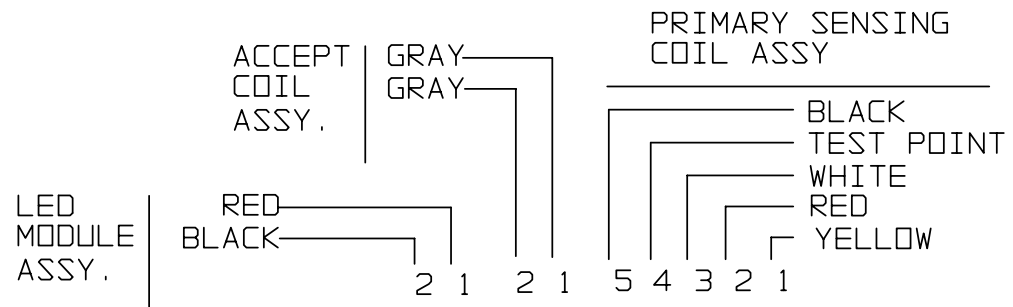
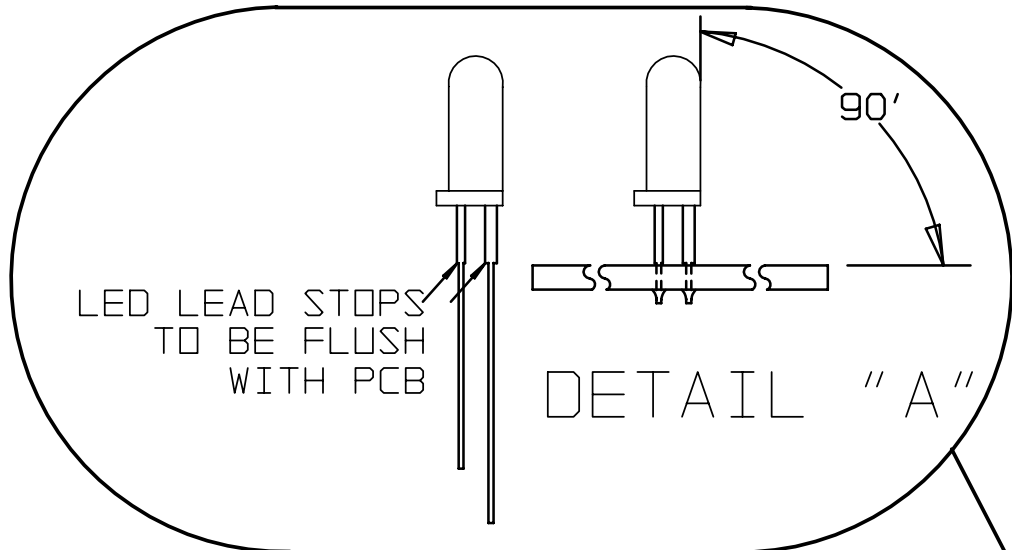
- NOTES :
1. Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 2. TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 3. REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR D1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE		
	PCB, CTRL, CC-40, AC/DC, C48ms, T13s, INH HI, SC, GAIN 1		
DRAWN	KDH	DATE	4/14/92
CHKD		DATE	
APP		DATE	
DWG NO.	09270135	REV	3
COMP NO.	XXXXXXXX	SHT	1 OF 1

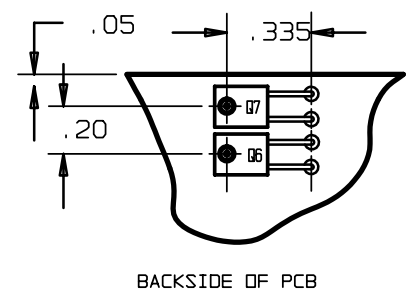
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

SIZE B SCALE X=X

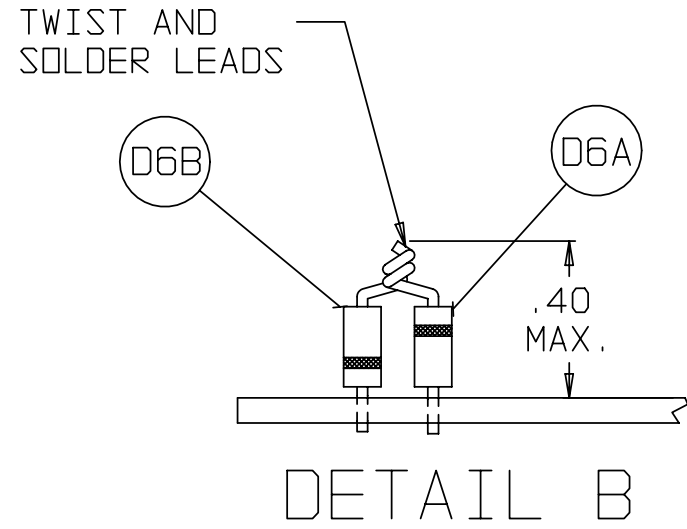
NO.	ECO NO.	REVISIONS	DATE/BY
03	006150	SEE SHEET 1	6/30/00 BPP



PCB I.D. LABEL 1



P1=SLUG REJECTION POTENTIOMETER POT. ROTATION

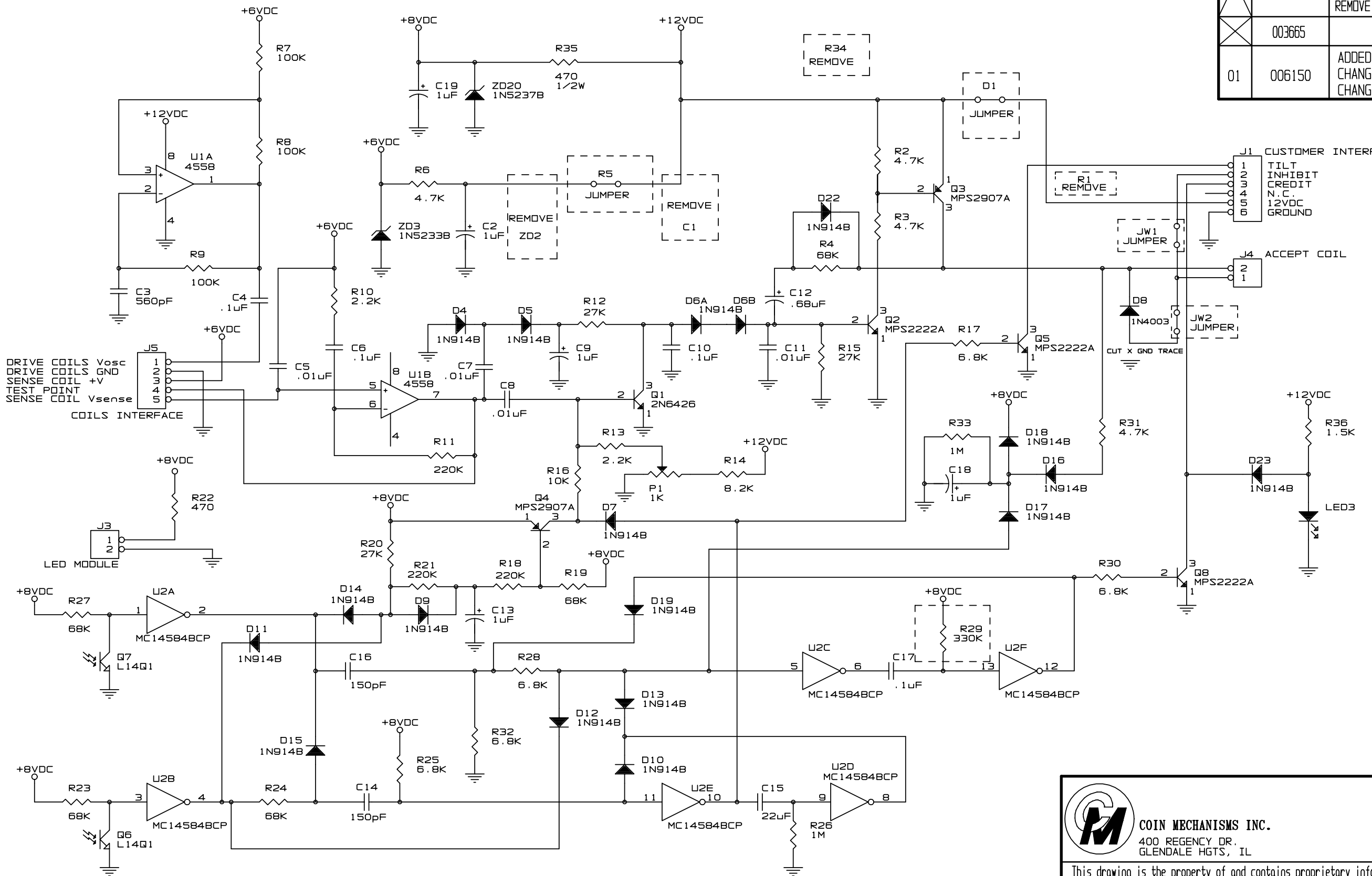


NOTES:

1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN..
3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, AC/DC, C48ms, T13s, INH HI, SC, GAIN 1		
	DRAWN	KDH	DATE 4/14/92
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD	DATE	
	APP	DATE	
	DWG NO. 09270135	REV 3	
SIZE B SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 1	

NO.	ECO NO.	REVISIONS	DATE/BY
00		NEW RELEASE	5-1-92/KDH
	003168	SEE ECO 003168	5-3-94/SS
	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, 12VDC, C25msT13s, INH, SC, GAIN1 REMOVE LED3 P/N LL-2203R FROM SCHEMATIC	8-24-94/SS
	003665	PARADOX DATABASE UPDATED	2-1-95/SS BY LT 4-7-97
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP



DRIVE COILS Vosc
DRIVE COILS GND
SENSE COIL +V
TEST POINT
SENSE COIL Vsense

J1 CUSTOMER INTERFACE
1 TILT
2 INHIBIT
3 CREDIT
4 N.C.
5 12VDC
6 GROUND

J4 ACCEPT COIL
1
2

- NOTES:
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 - REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR D1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

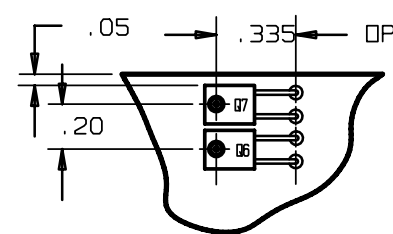
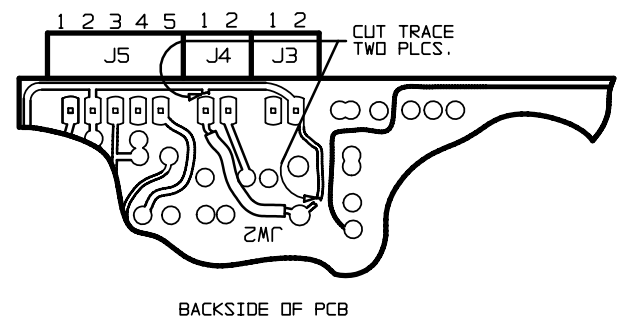
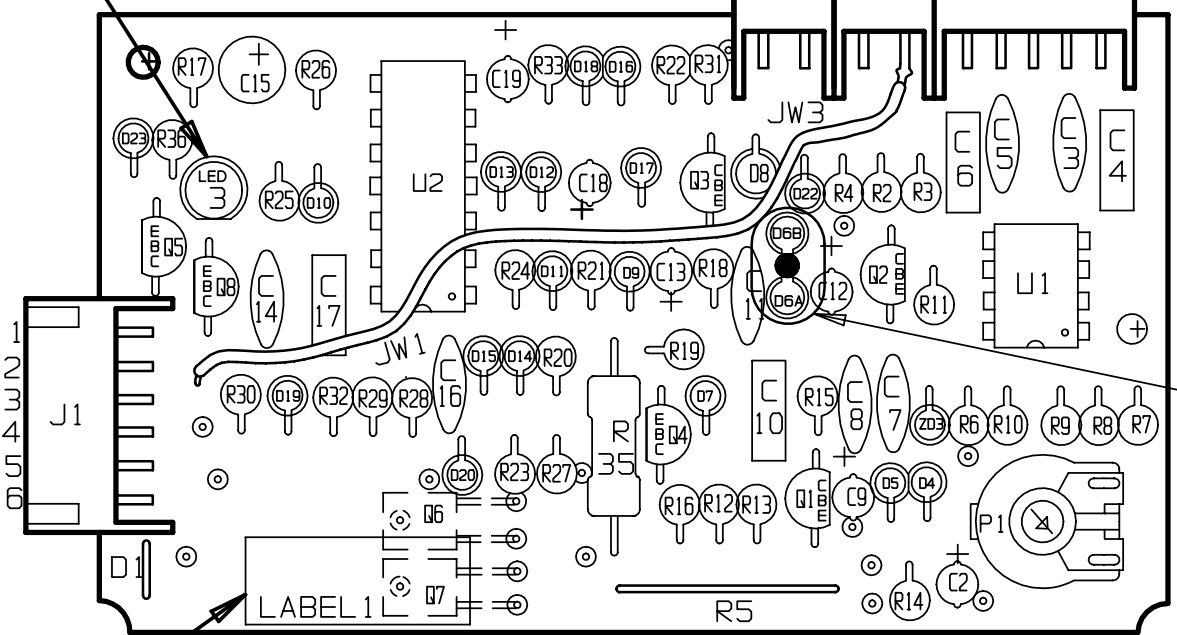
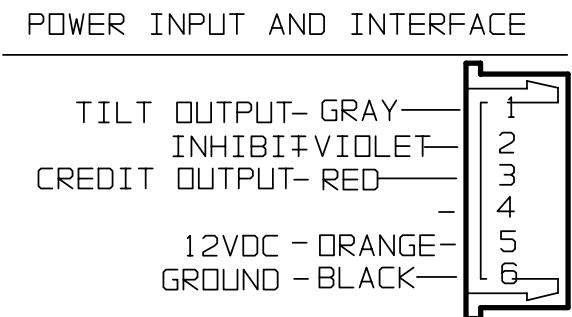
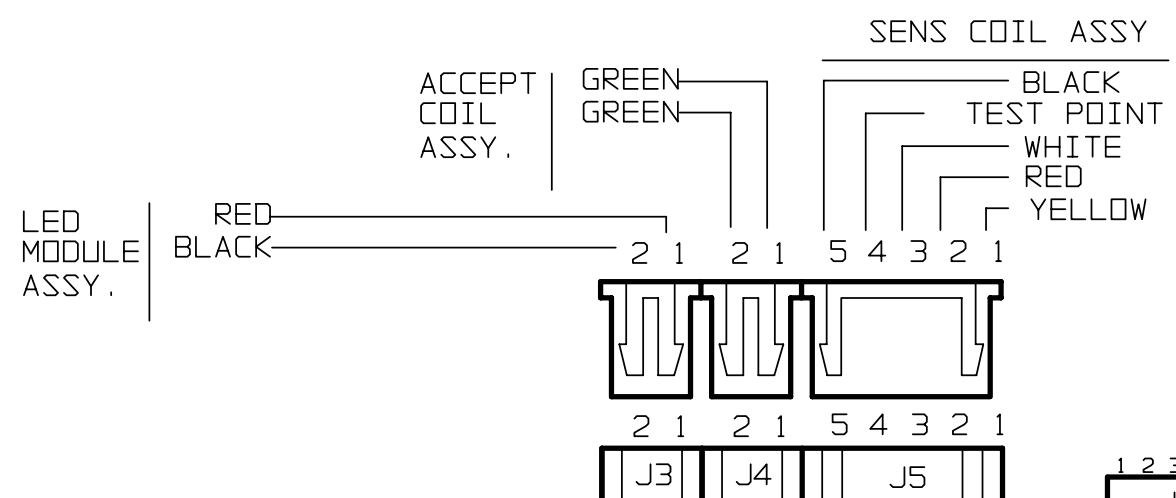
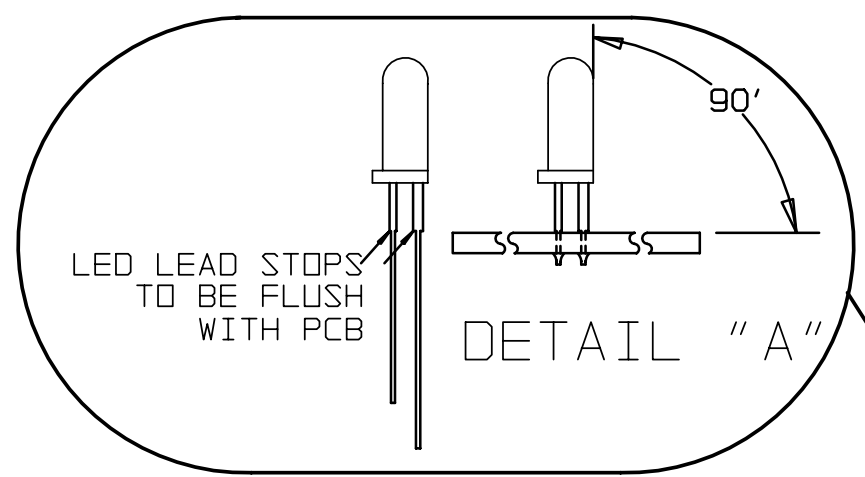
COIN MECHANISMS INC.
400 REGENCY DR.
GLENDALE HGTS, IL

This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

TITLE PCB, CTRL, CC-40, 12VDC, C25ms, T13s, INH, SC, GAIN 1			
DRAWN	SS	DATE	5/1/92
CHKD		DATE	
APP		DATE	
DWG NO.	09270137	REV	1
COMP NO.	XXXXXXXXX	SHT	1 OF 1

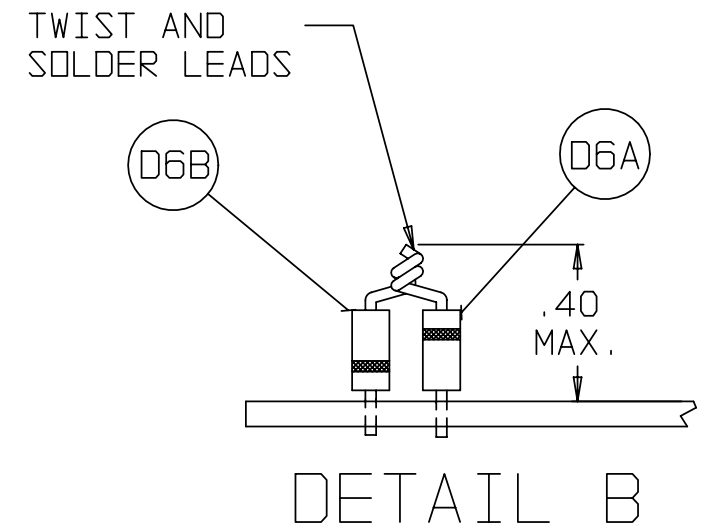
SIZEB SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
01	006150	SEE SHEET 1	6/30/00 BPP



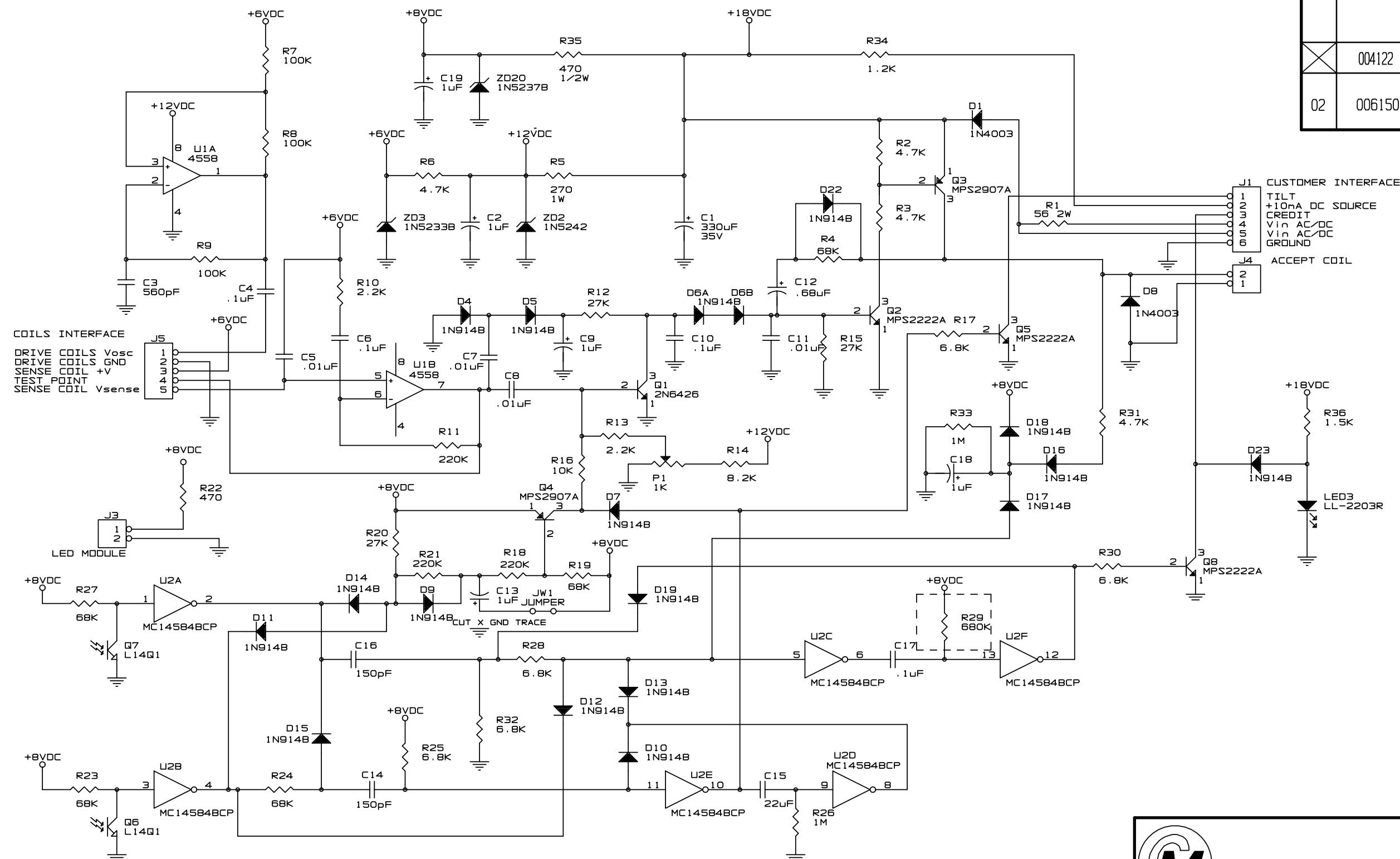
P1 = SLUG REJECTION POTENTIOMETER

- NOTES:
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN. UNLESS SPECIFIED OTHERWISE.
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
 5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.



<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, 12VDC, C25ms, T13s, INH, SC, GAIN 1			
	DRAWN	SS	DATE	5/1/92
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD		DATE	
	APP		DATE	
	DWG NO.	09270137	REV	1
SIZE	B	SCALE	X=X	COMP NO. XXXXXXXX
			SHT	1 OF 1

NO.	ECO NO.	REVISIONS	DATE/BY
00		NEW RELEASE	10-16-92 KDH
01	3168	CHANGE R1 FROM 100 1/2W TO 56 2W CHANGE C1 FROM 220uF 25V TO 330uF 35V UPDATED LED3 P/N TO LL-2203R UPDATE TEXT AT J1 PINS 4 AND 5 REVERSE TRACES ON J5 PINS 4 and 5 sheet 1 ADD JUMPER JW1 TO SHEET 1 ADD I.D. LABEL (LABEL1) TO SHEET 2 GENERATED SHEET 3 ENG BOM	5/3/94 SS
	004122	TEXT ERROR, CORRECTED COLOR ORDER OF J3 SHEET 2	2-8-96/LT
	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP



- NOTES:**
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 - REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR Q1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

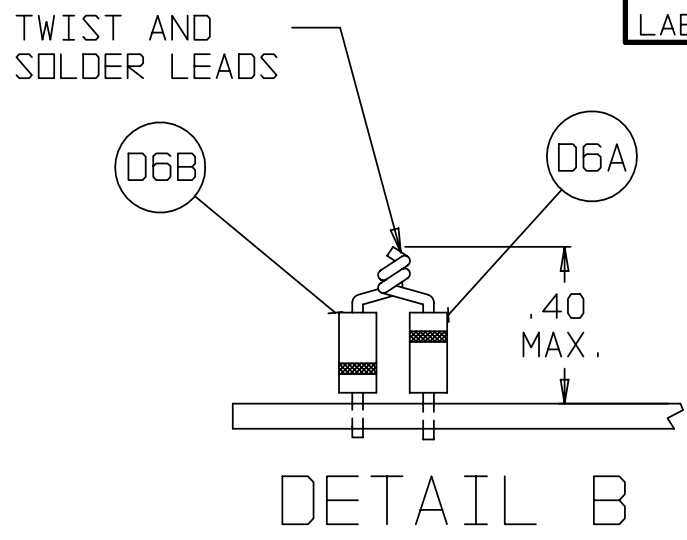
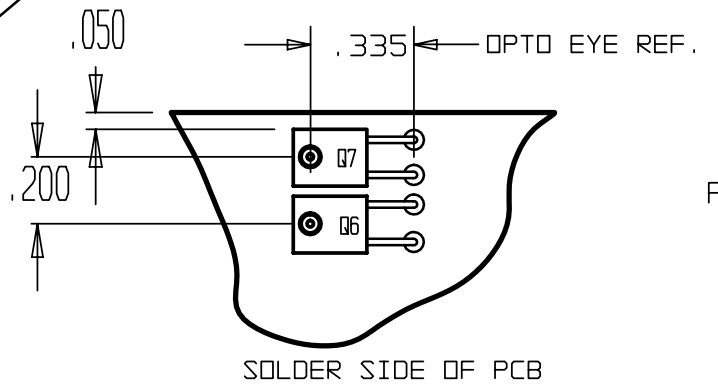
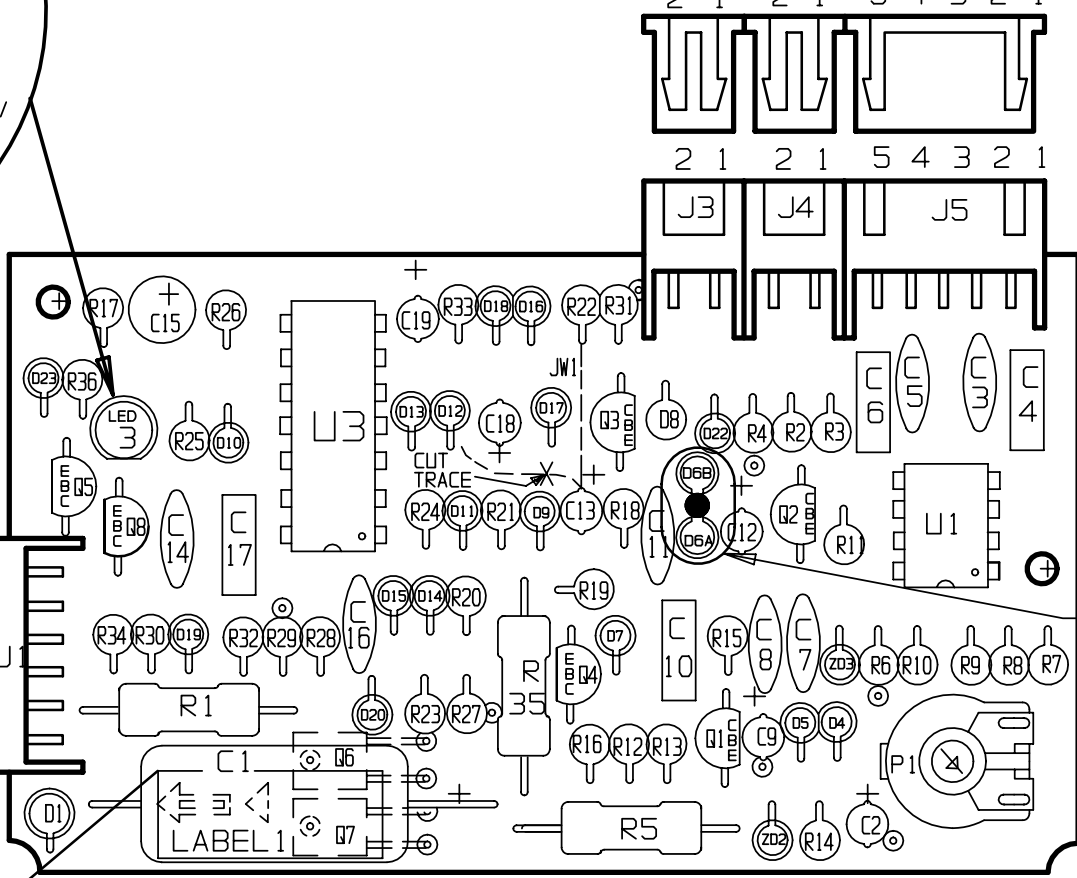
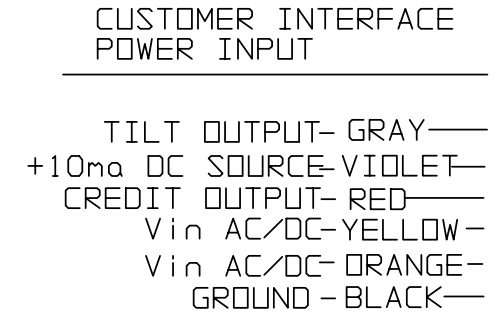
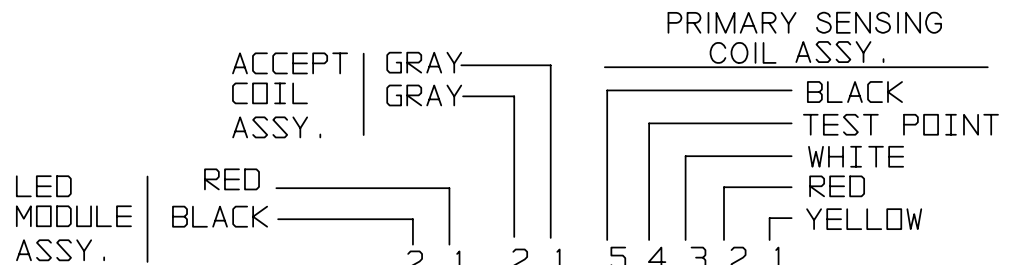
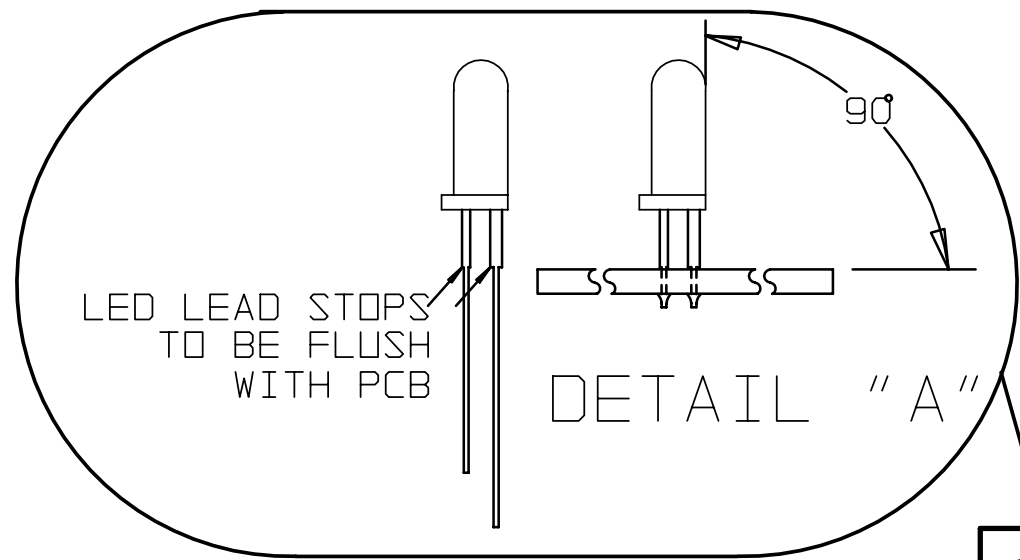
CM COIN MECHANISMS INC.
 400 REGENCY DR.
 GLENDALE HGTS, IL

This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.

TITLE PCB, CTRL, CC-40, AC/DC, C48ms, T13s, NOI, SC, GAIN 1, UDA			
DRAWN	KDH	DATE	4/14/92
CHKD		DATE	
APP		DATE	
DWG NO.	09270148	REV	2
COMP NO.	XXXXXXXX	SHT	1 OF 1

SIZEB SCALE X=X

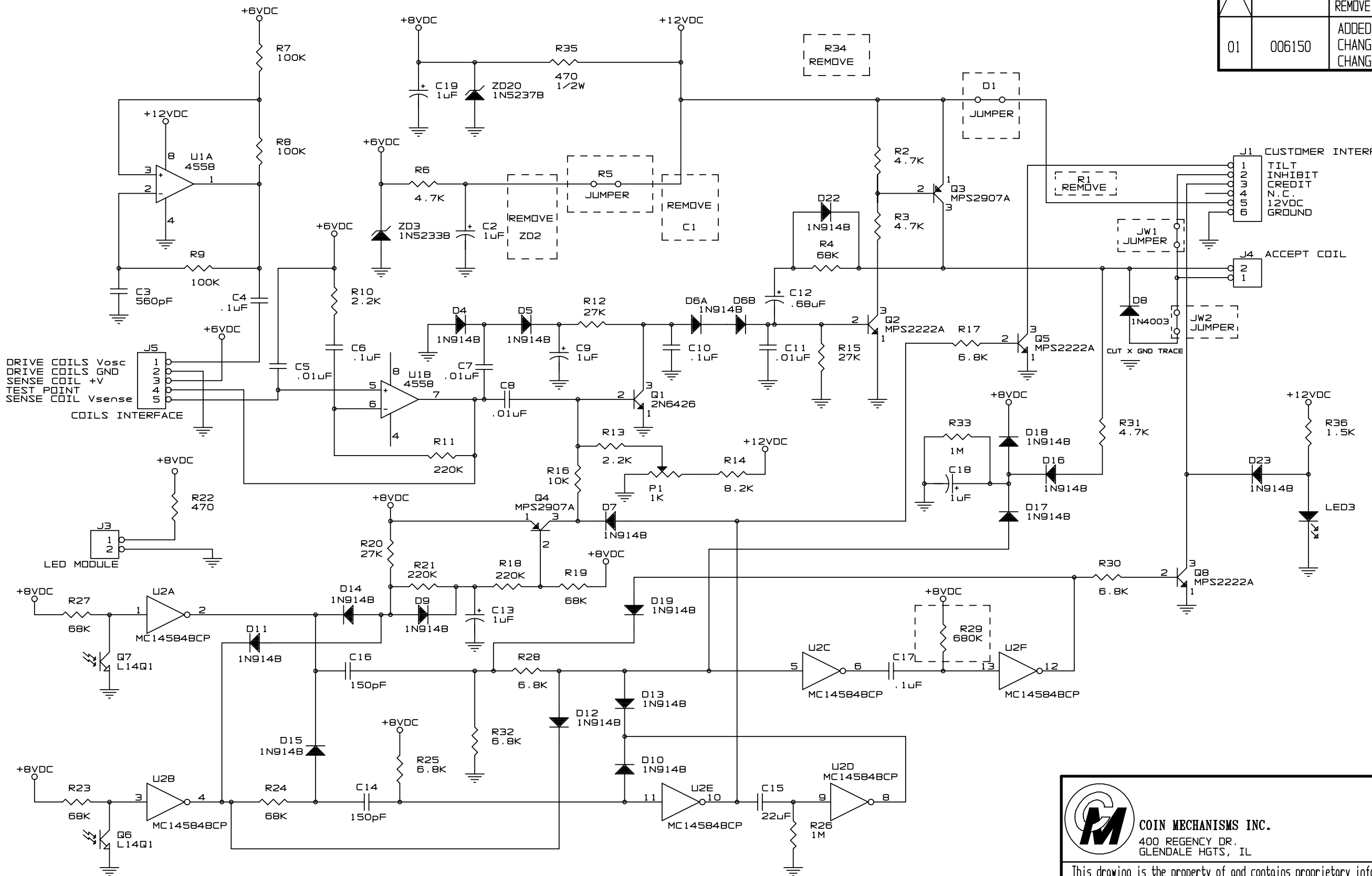
NO.	ECO NO.	REVISIONS	DATE/BY
02	006150	SEE SHEET 1	6/30/00 BPP




- NOTES:
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN..
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
 5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, AC/DC, C48ms, T13s, NOI, SC, GAIN 1, UDA		
	DRAWN	KDH	DATE 4/14/92
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD	DATE	
	APP	DATE	
	DWG NO. 09270148	REV 2	
SIZE B SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 1	

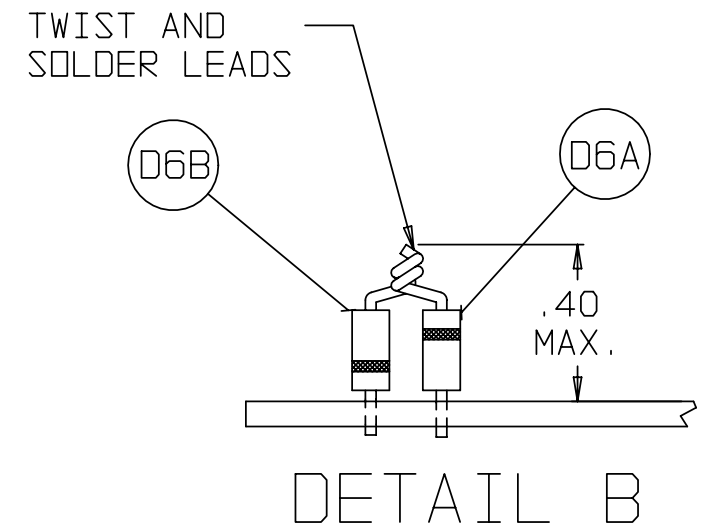
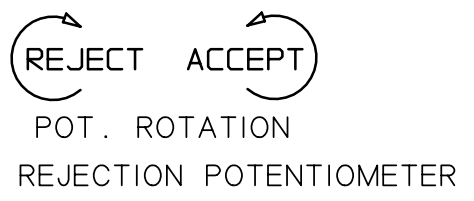
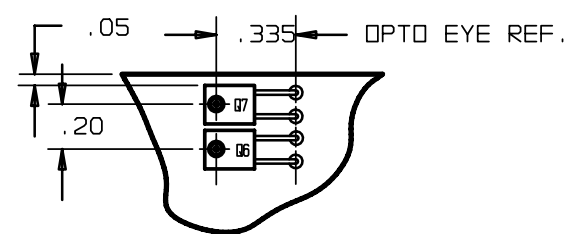
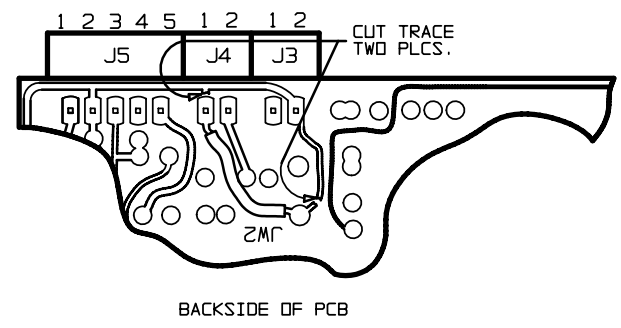
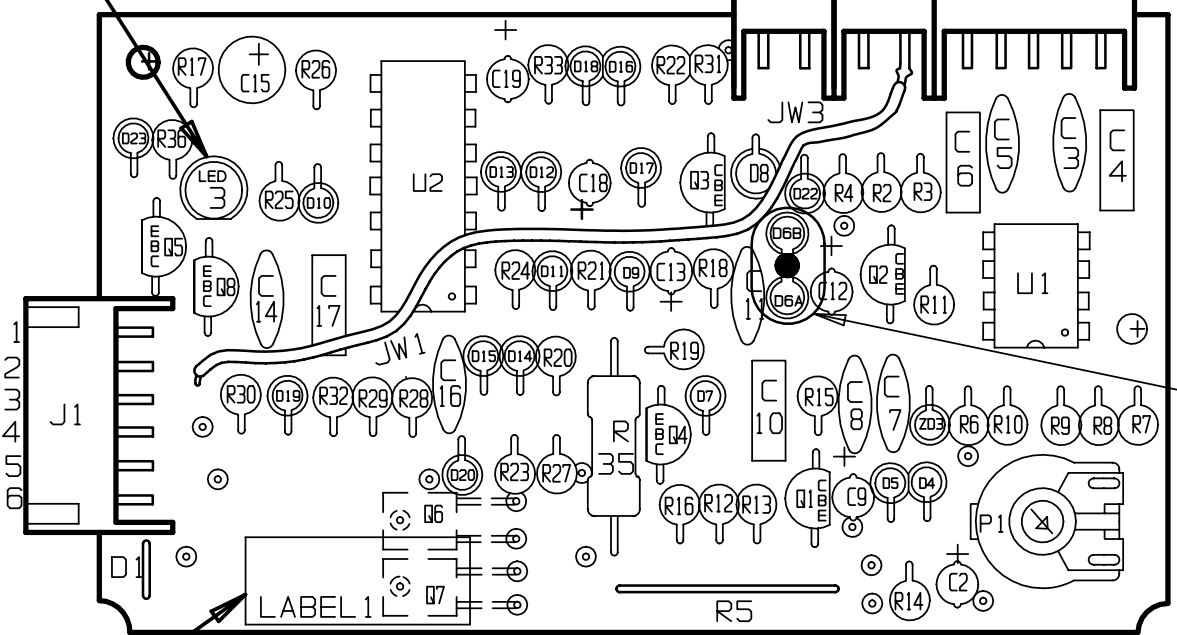
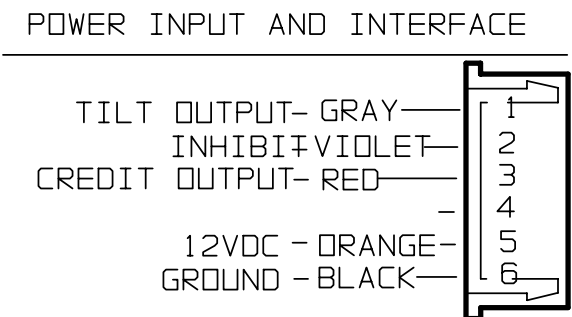
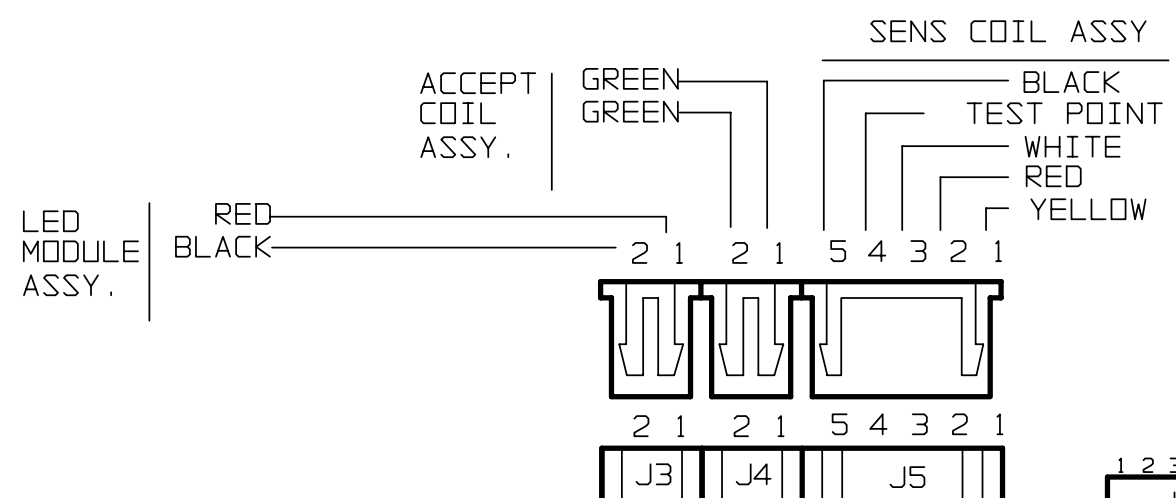
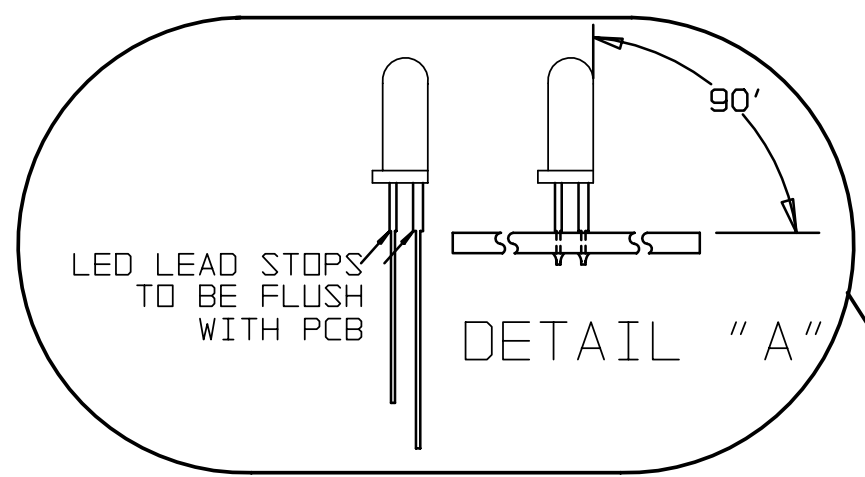
NO.	ECO NO.	REVISIONS	DATE/BY
00	003168	NEW RELEASE PCB DINERATED FROM VERSION 09270137 WITH R29 @680K	5/3/94 SS
X	003296	CORRECT PARADOX BOM ERRORS FOR R10 & R13 CHANGE PCB DESCRIPTION TO... PCB, CTRL, CC-40, 12VDC, C48msT13s, INH, SC, GAIN1 REMOVE LED3 P/N FROM SCHEMATIC	8-24-94/SS
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP



NOTES:
 1. Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 2. TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17

 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE PCB, CTRL, CC-40, 12VDC, C48ms, T13s, INH, SC, GAIN 1			
	DRAWN	SS	DATE	5/1/92
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD		DATE	
	APP		DATE	
	DWG NO. 09270149		REV	1
SIZEB	SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 1	

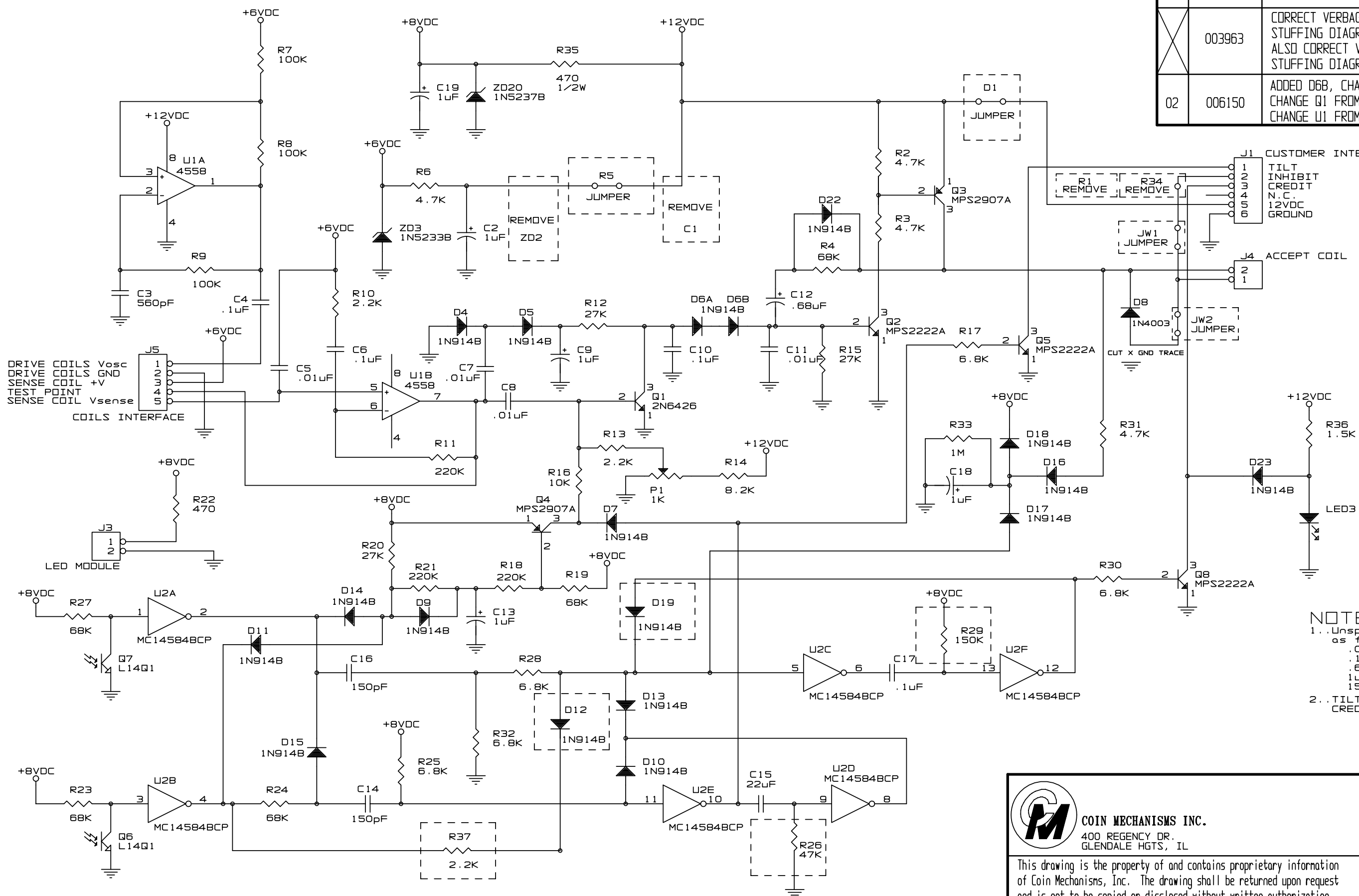
NO.	ECO NO.	REVISIONS	DATE/BY
01	006150	SEE SHEET 1	6/30/00 BPP



- NOTES:
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN. UNLESS SPECIFIED OTHERWISE.
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
 5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, 12VDC, C48ms, T13s, INH, SC, GAIN 1			
	DRAWN	SS	DATE	5/1/92
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.	CHKD		DATE	
	APP		DATE	
	DWG NO.	09270149	REV	1
SIZE	B	SCALE	X=X	COMP NO. XXXXXXXX
			SHT	1 OF 1

NO.	ECO NO.	REVISIONS	DATE/BY
00	003533	NEW RELEASE	11-17-94/SS
01	003922	ADD D12 AND R37, SEE ASSY GUIDE SHEET 2. REVERSE R28 POSITION RELOCATE D19 CATHODE TO R28 LEAD, SEE SHEET 2.	6/28/95 SS
X	003963	CORRECT VERBAGE ON D12 AND R37 STUFFING DIAGRAM. ALSO CORRECT VERBAGE ON D19 AND R28 STUFFING DIAGRAM. SEE SHEET 2.	8/4/95 SS
02	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP



NOTES:
 1..Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 2..TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17

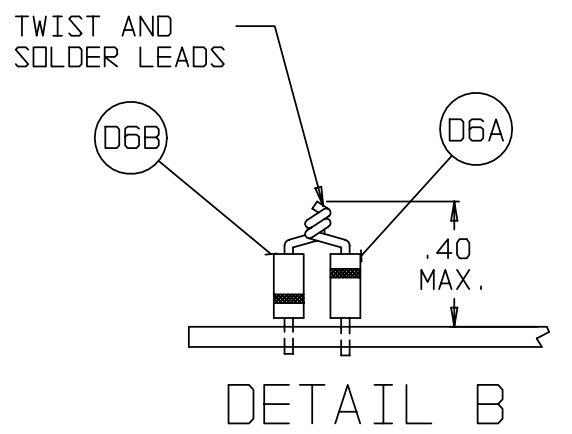
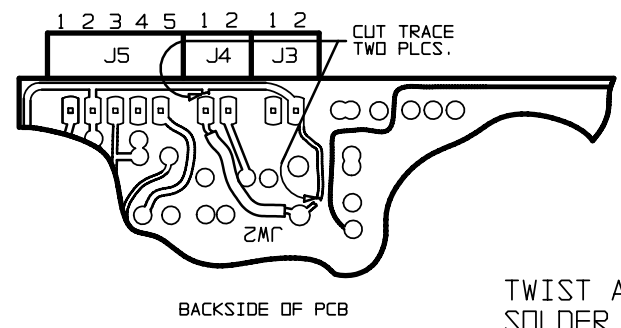
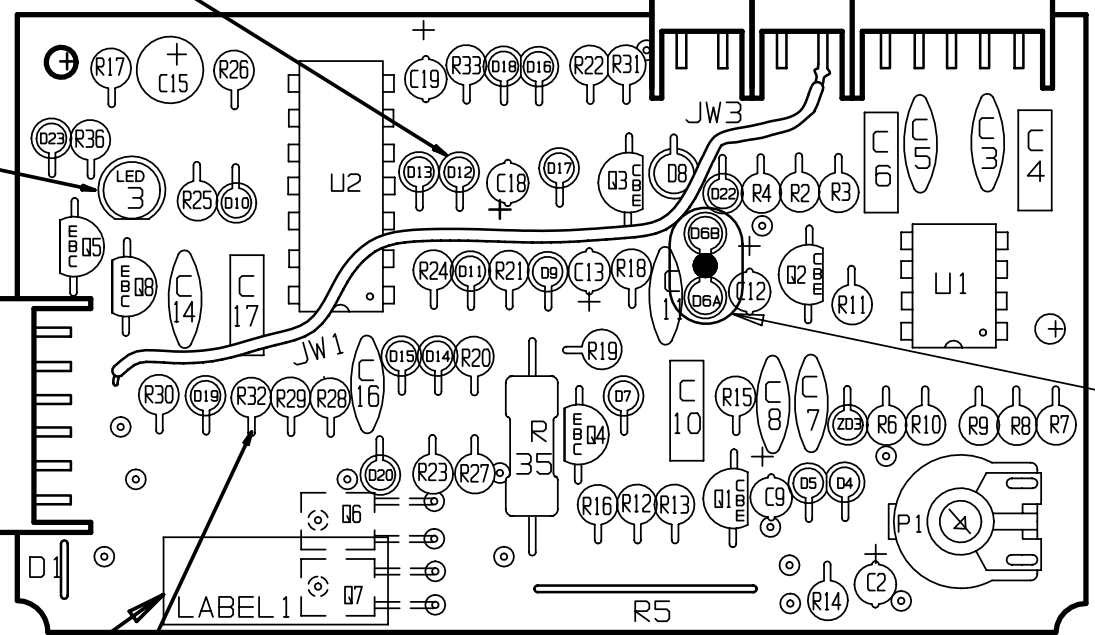
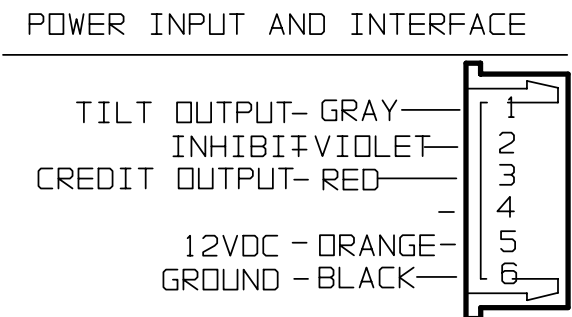
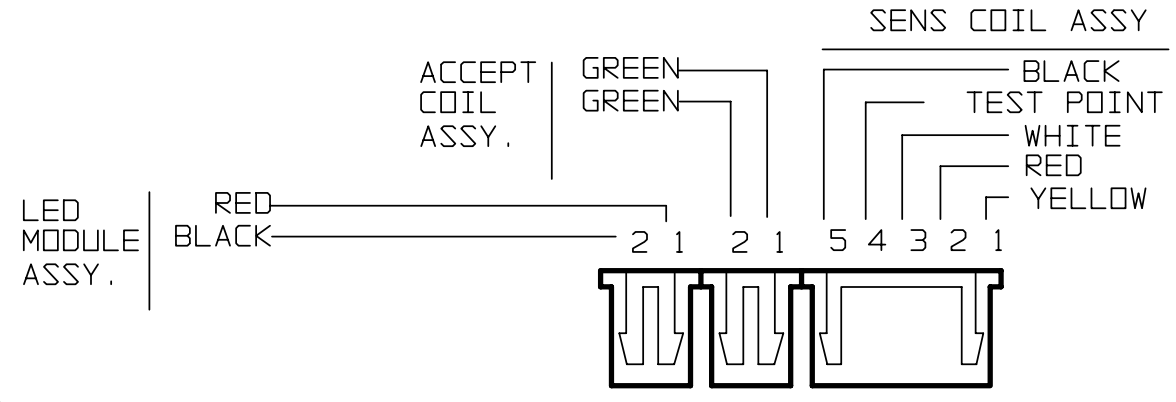
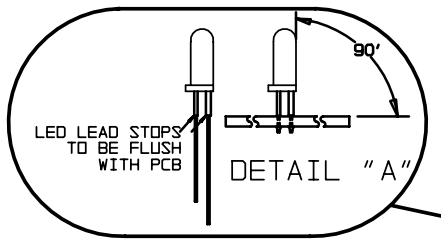
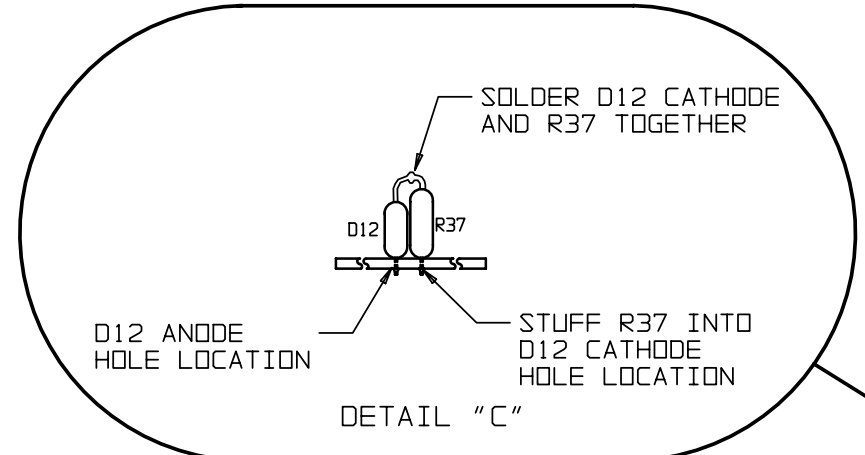
CM COIN MECHANISMS INC.
 400 REGENCY DR.
 GLENDALE HGTS, IL

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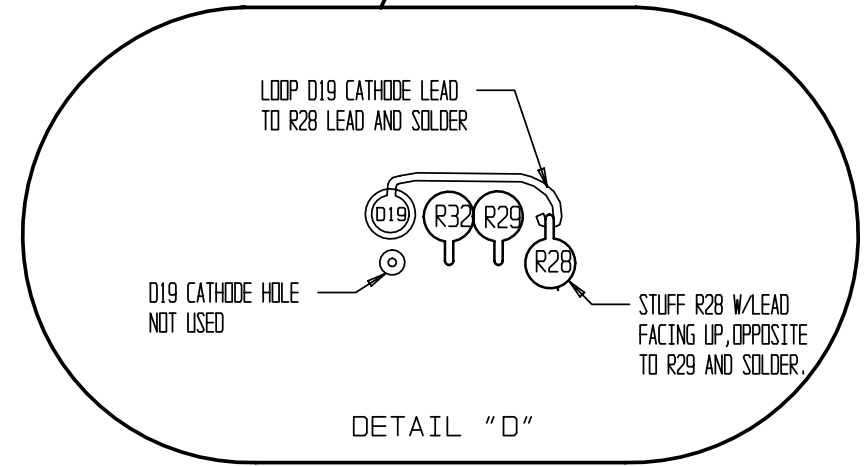
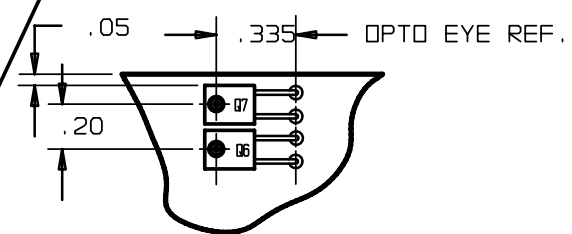
SIZE B SCALE X=X

TITLE PCB, CTRL, CC-40, 12VDC, C11.5ms, T700ms, INH, SC, GAIN 1			
DRAWN	SS	DATE	11/17/94
CHKD		DATE	
APP		DATE	
DWG NO.	09270191	REV	2
COMP NO.	XXXXXXXXX	SHT	1 OF 1

NO.	ECO NO.	REVISIONS	DATE/BY
02	006150	SEE SHEET 1	6/30/00 BPP



PCB I.D. LABEL 1



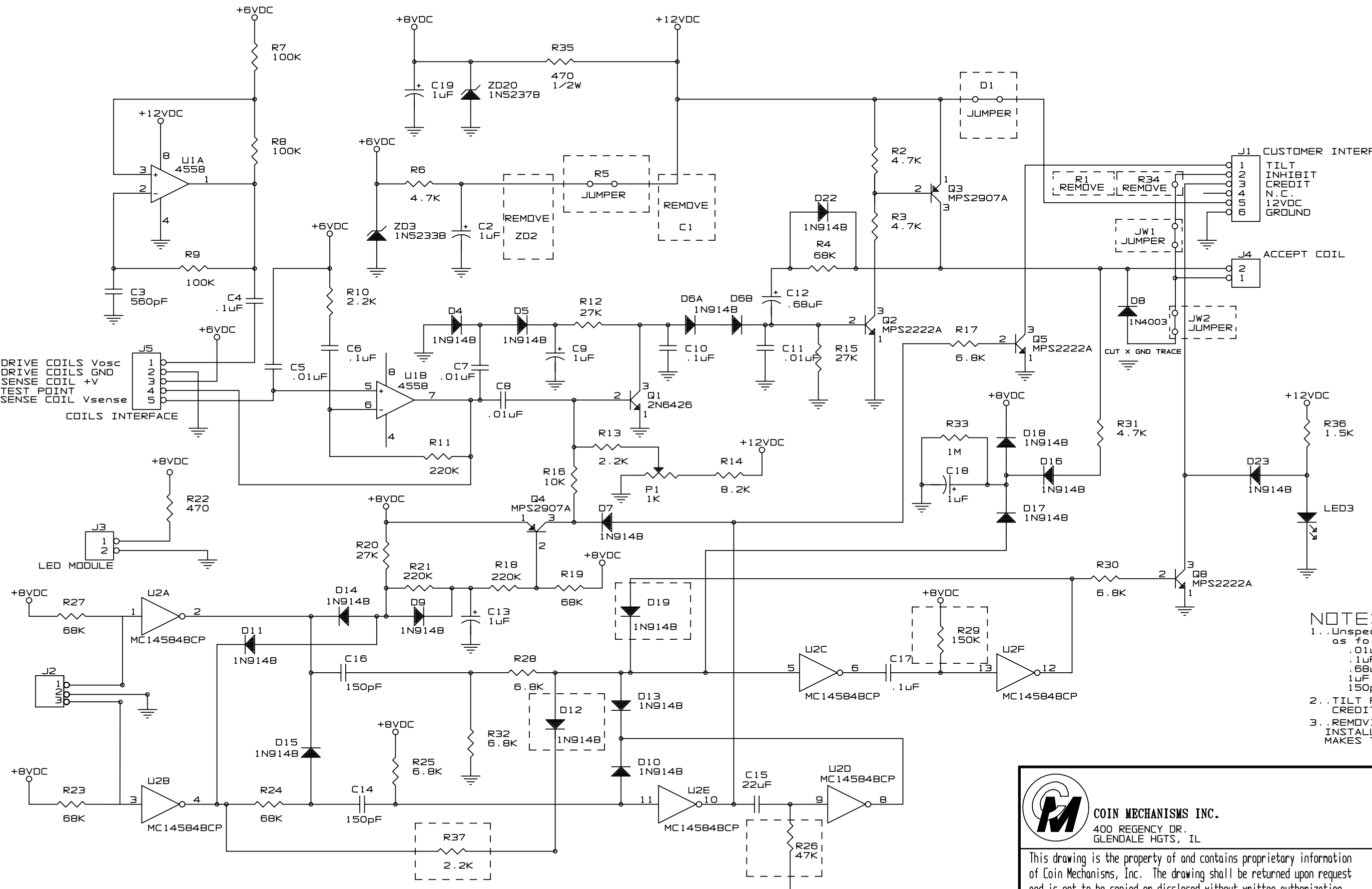
- NOTES:
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN. UNLESS SPECIFIED OTHERWISE.
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
 5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE		
	PCB, CTRL, CC-40, 12VDC, C11.5ms, T700ms, INH, SC, GAIN 1		
DRAWN	SS	DATE	11/17/94
CHKD		DATE	
APP		DATE	
DWG NO.	09270191	REV	2
COMP NO.	XXXXXXXX	SHT	1 OF 1

SIZE B SCALE 2=1


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NO.	ECO NO.	REVISIONS	DATE/BY
00	004200	NEW RELEASE MOD OF 09270191	4/17/96/LT
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	6/28/00 BPP

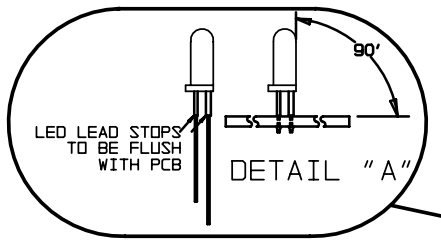
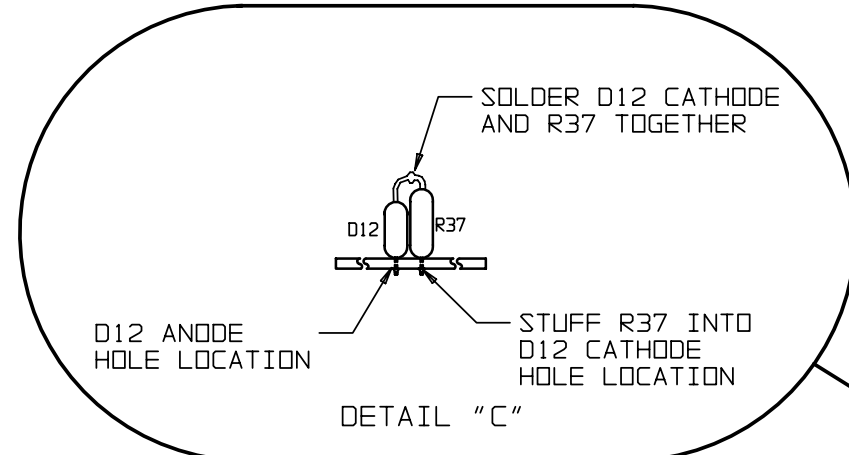


NOTES:

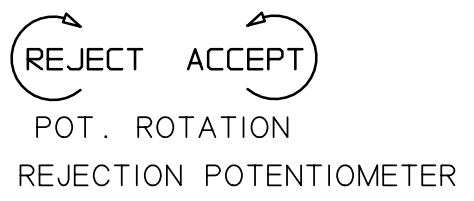
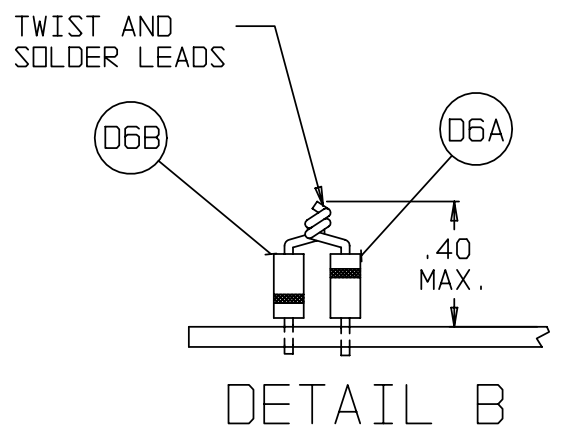
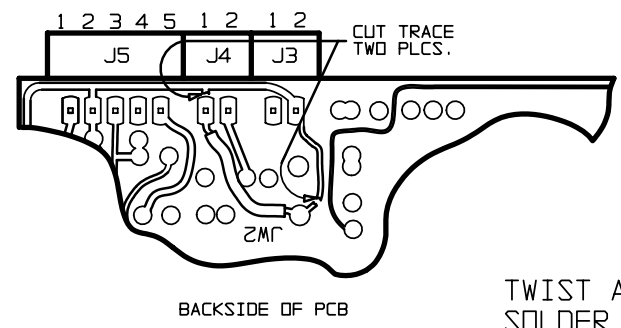
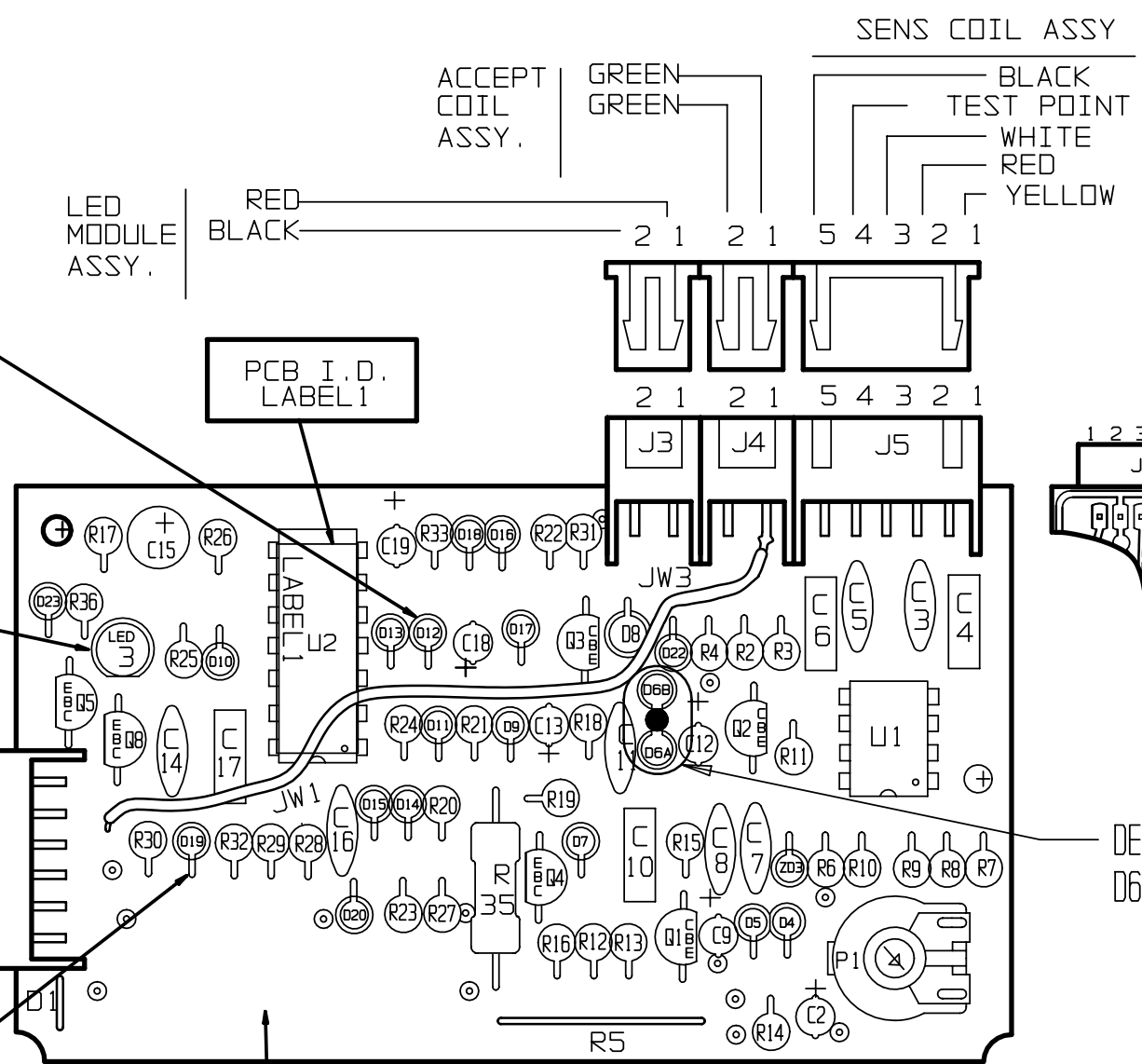
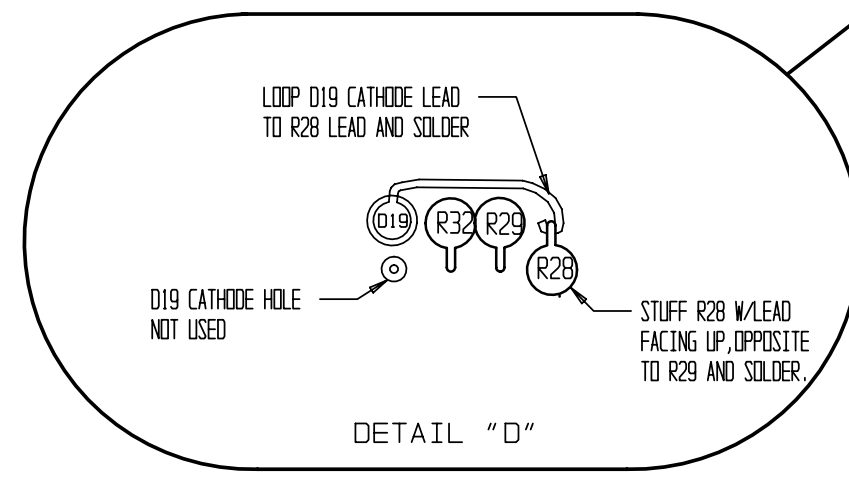
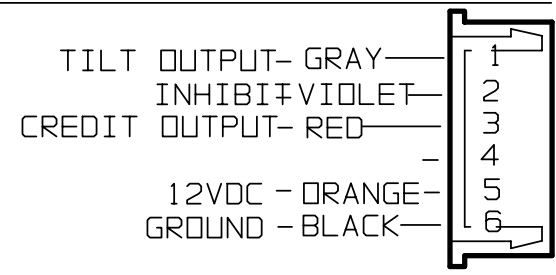
- 1.. Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
- 2.. TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
- 3.. REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR D1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE		PCB, CTRL, CC-40, 12VDC, C11.5ms, T700ms, INH, SC, WB MOD	
	DRAWN	SS	DATE	11/17/94
This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.		CHKD	DATE	
		APP	DATE	
DWG NO. 09270213		REV 1		
SIZE B SCALE X=X		COMP NO. XXXXXXXX	SHT 1 OF 1	

NO.	ECO NO.	REVISIONS	DATE/BY
01	006150	SEE SHEET 1	6/30/00 BPP



POWER INPUT AND INTERFACE



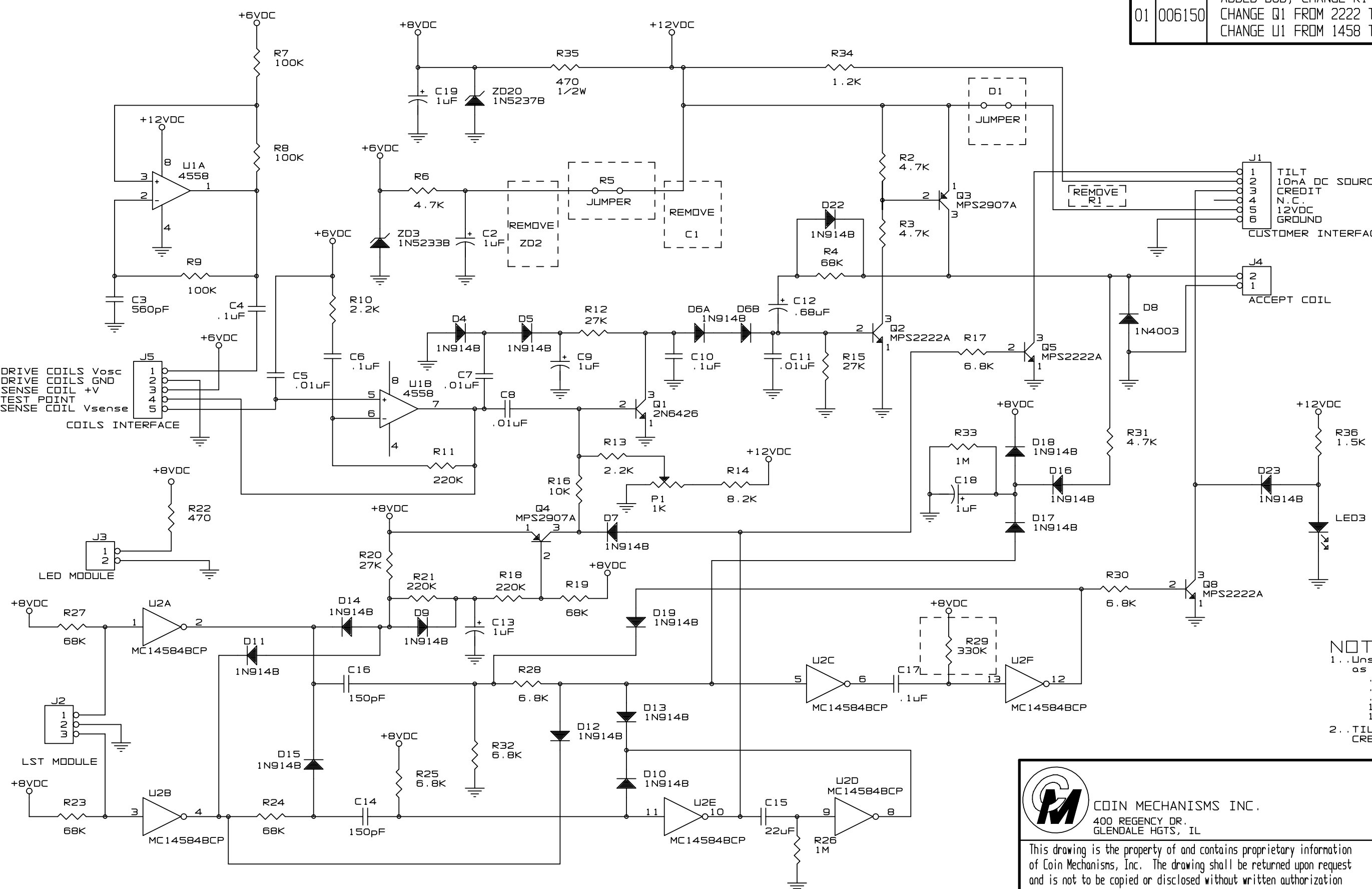
- NOTES:
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN. UNLESS SPECIFIED OTHERWISE.
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
 5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE		
	PCB, CTRL, CC-40, 12VDC, C11.5ms, T700ms, INH, SC, WB MOD		
DRAWN	LT	DATE	4/17/96
CHKD		DATE	
APP		DATE	
DWG NO.	09270213	REV	1
COMP NO.	XXXXXXXX	SHT	1 OF 1


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SIZE B SCALE 2=1

NO.	ECN NO.	REVISIONS	DATE/BY
00	004885	RELEASE TO PRODUCTION	8-6-97/GH
00	004893	J2 WAS B3B-XH-A - CHANGED BOM	8-6-97/GH
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	7/3/00 BPP

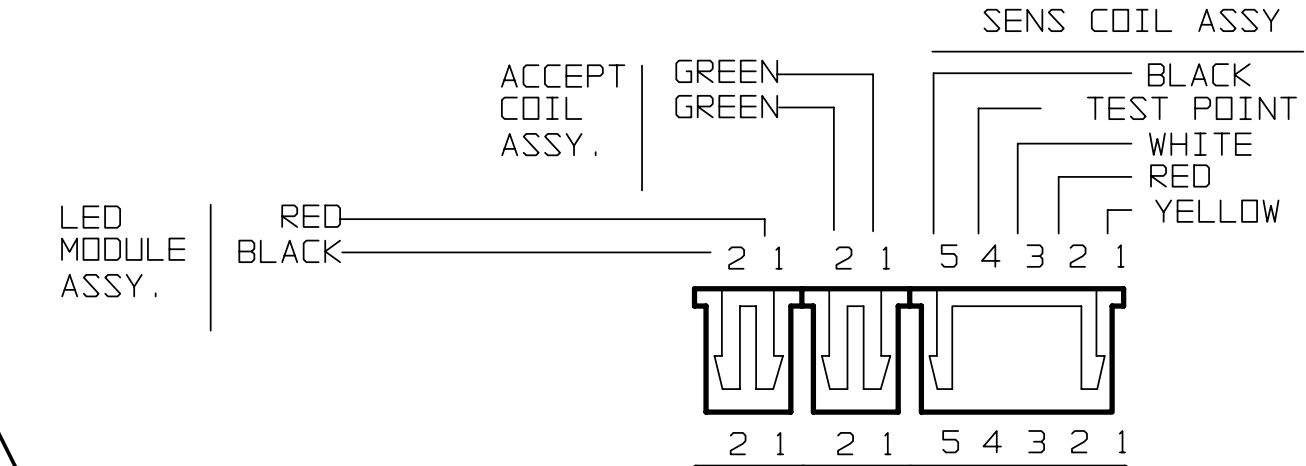
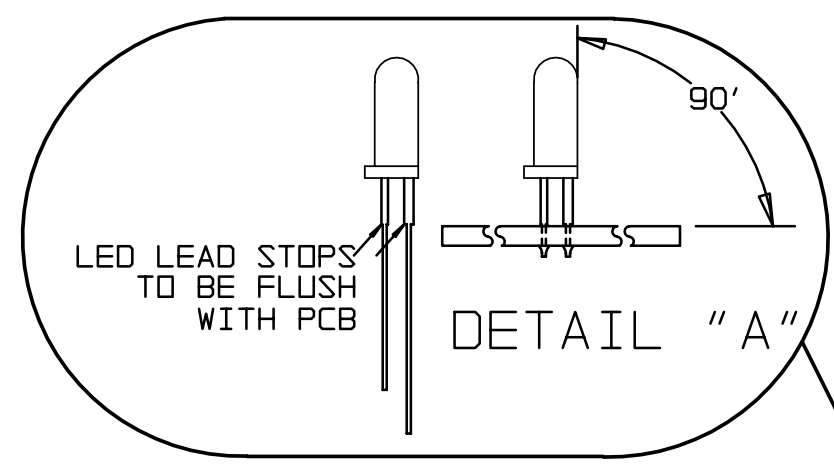


NOTES:
 1..Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 2..TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17

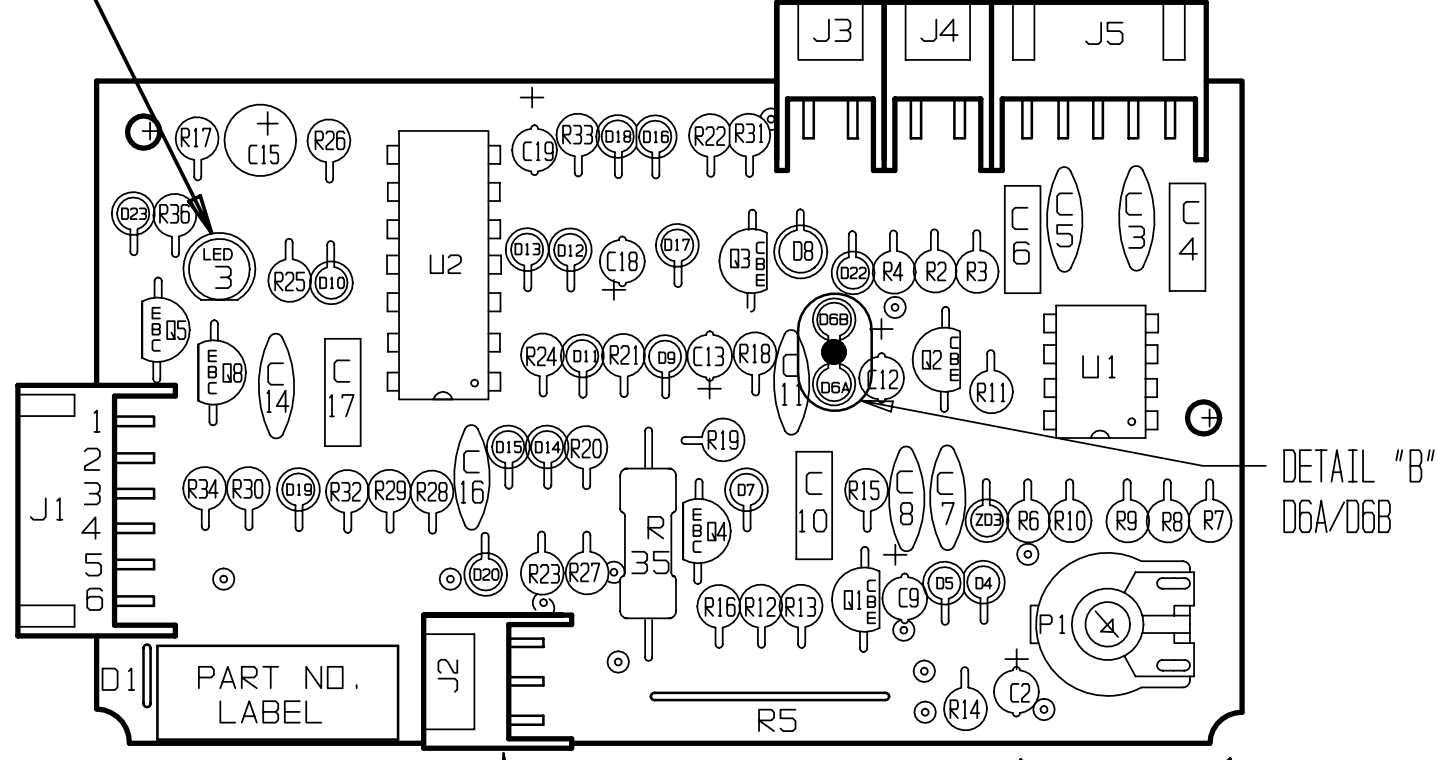
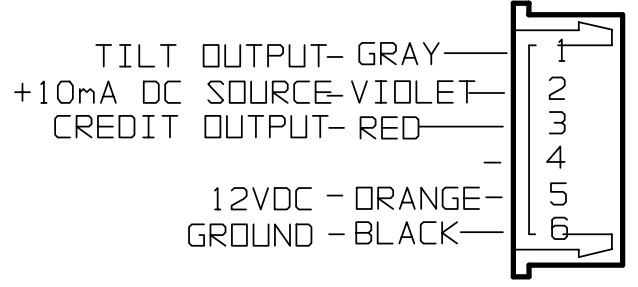
 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE PCB, CTRL, CC-40WB, 12VDC, C25MS, T13S, NOI, LC, GAIN1		
	DRAWN GH	DATE 8/6/97	
	CHKD	DATE	
	APP	DATE	
DWG NO. 09270252		REV 1	
SIZE B SCALE X=X		COMP NO. XXXXXXXX	SHT 1 OF 3

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NO.		ECN NO.		REVISIONS		DATE/BY	
01		006150		SEE SHEET 1		7/3/00/BPP	

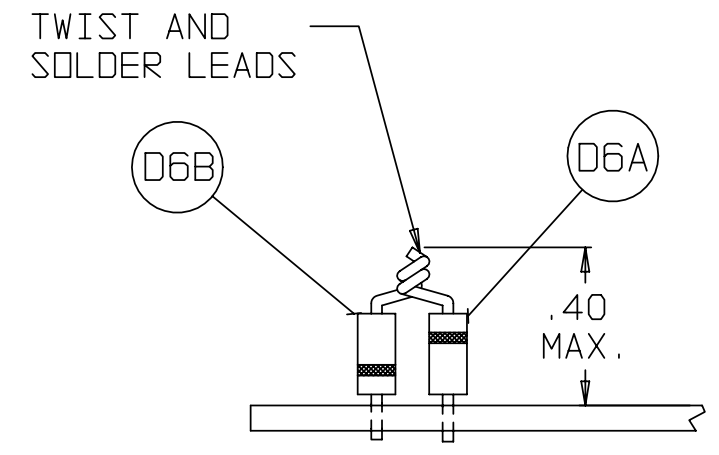


POWER INPUT AND INTERFACE



P1 =SLUG REJECTION POTENTIOMETER POT. ROTATION

SEE NOTE (6)



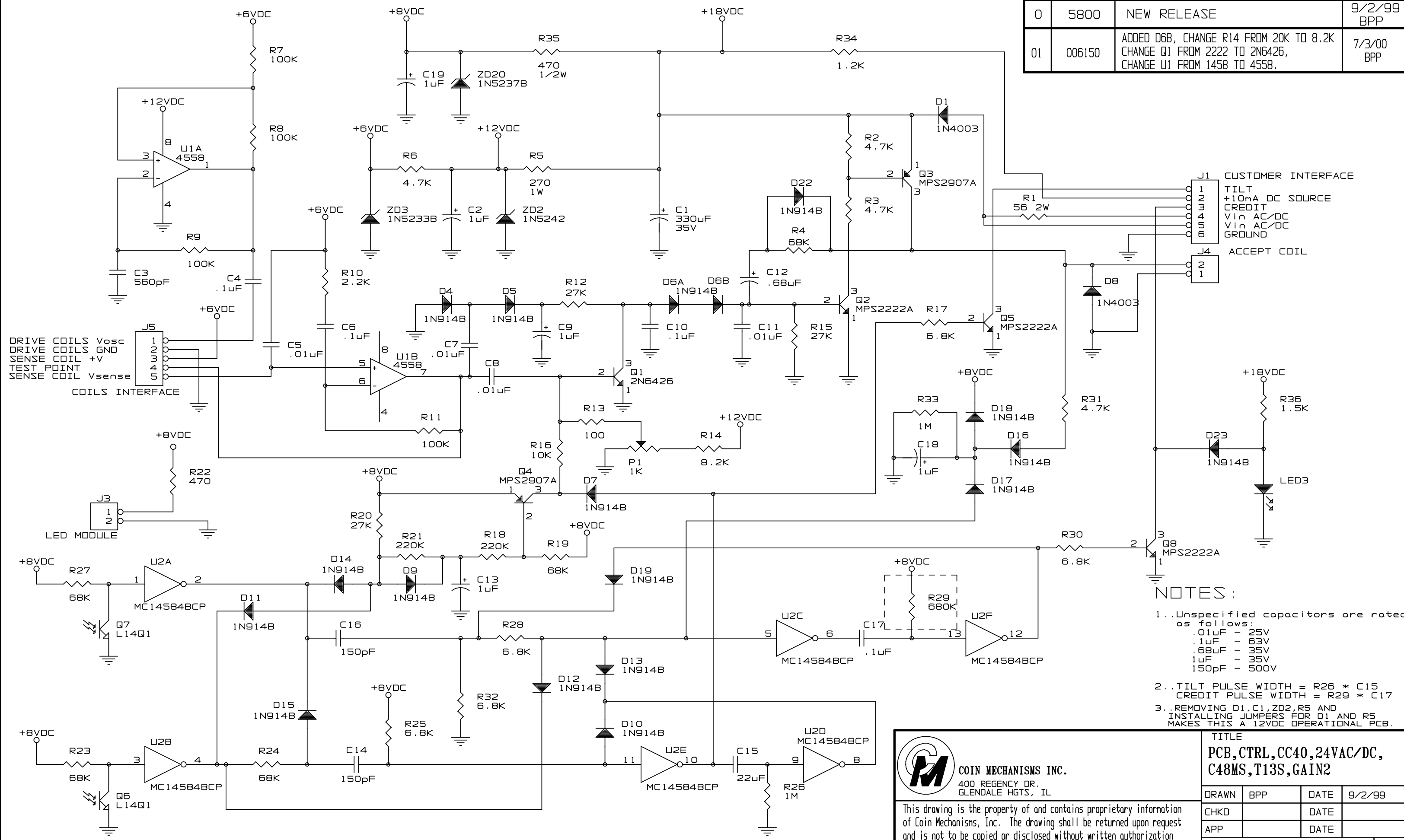
DETAIL B

NOTES:


1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN UNLESS SPECIFIED OTHERWISE.
3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN. .
4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.
6. INSTALL J2 3 PIN JST HEADER AS SHOWN.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40WB, 12VDC, C25MS, T13S, NOI, LC, GAIN1			
	DRAWN	GH	DATE	8/6/97
<p>This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.</p>	CHKD		DATE	
	APP		DATE	
	DWG NO. 09270252			REV 1
SIZE B SCALE X=X		COMP NO. XXXXXXXX	SHT 1 OF 3	

NO.	ECO NO.	REVISIONS	DATE/BY
0	5800	NEW RELEASE	9/2/99 BPP
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	7/3/00 BPP



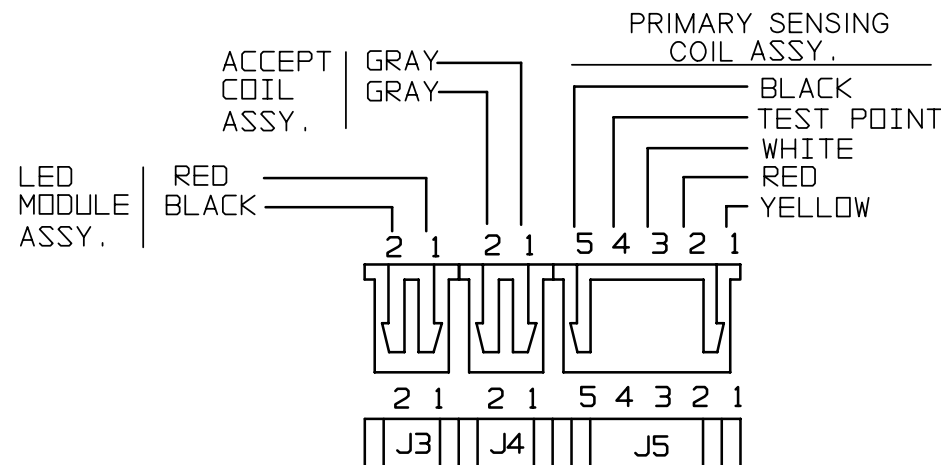
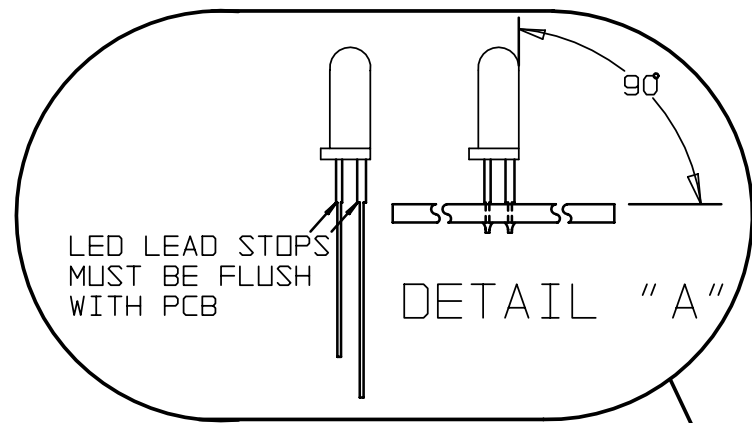
- NOTES:**
1. Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 2. TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17
 3. REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR D1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE PCB, CTRL, CC40, 24VAC/DC, C48MS, T13S, GAIN2	
	DRAWN BPP	DATE 9/2/99
APP	DATE	
DWG NO. 09270361	REV 1	
COMP NO. XXXXXXXX	SHT 1 OF 1	

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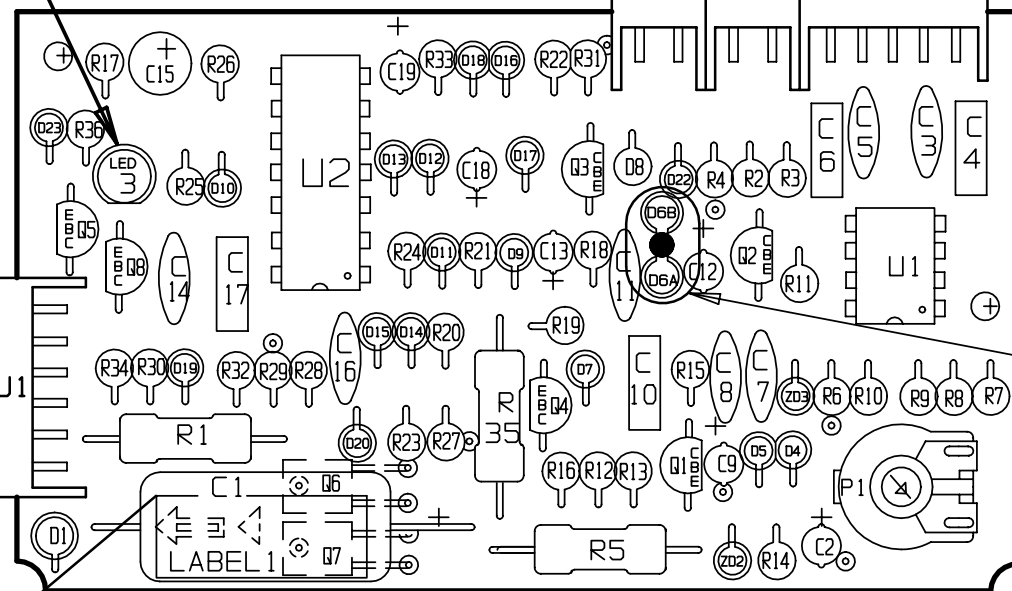
SIZE B SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
1	6150	SEE SHEET 1	7/3/00 BPP

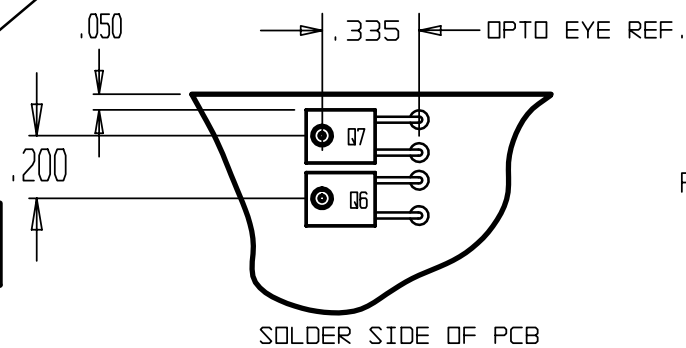


CUSTOMER INTERFACE POWER INPUT

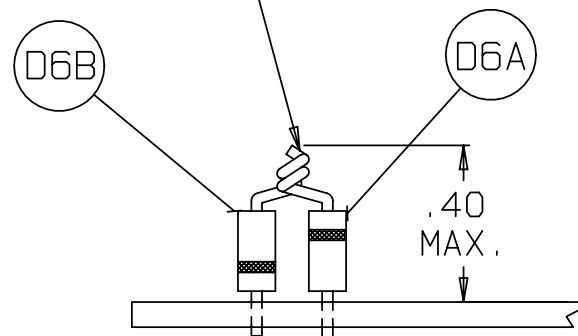
- TILT OUTPUT- GRAY
- +10ma DC SOURCE- VIOLET
- CREDIT OUTPUT- RED
- Vin AC/DC- YELLOW
- Vin AC/DC- ORANGE
- GROUND- BLACK



DETAIL "B"
D6A/D6B



TWIST AND SOLDER LEADS



DETAIL B

NOTES:

- REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
- MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN., UNLESS SPECIFIED OTHERWISE
- MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN.
- SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
- ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.



COIN MECHANISMS INC.
400 REGENCY DR.
GLENDALE HGTS, IL

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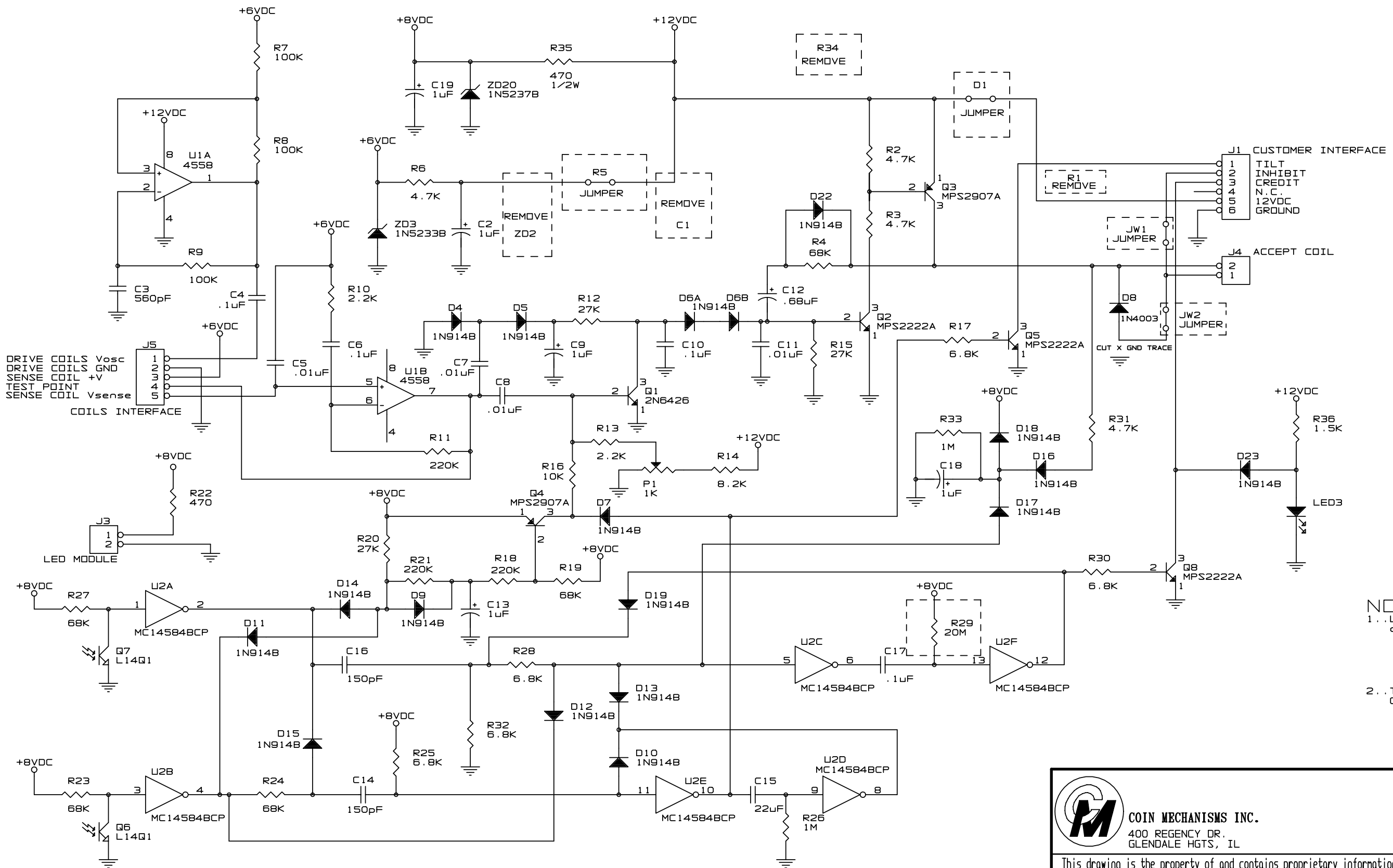
TITLE
PCB, CTRL, CC40, 24VAC/DC
C48MS, T13S, GAIN 2

DRAWN	BPP	DATE	9/2/99
CHKD		DATE	
APP		DATE	


DWG NO.	09270361	REV	1
COMP NO.	XXXXXXXX	SHT	1 OF 1

SIZE B SCALE X=X

NO.	ECO NO.	REVISIONS	DATE/BY
00	006307	NEW RELEASE PCB GENERATED FROM VERSION 09270149 WITH R29 @20M	11/28/00 SJS



NOTES:
 1.. Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 2.. TILT PULSE WIDTH = R26 * C15
 CREDIT PULSE WIDTH = R29 * C17

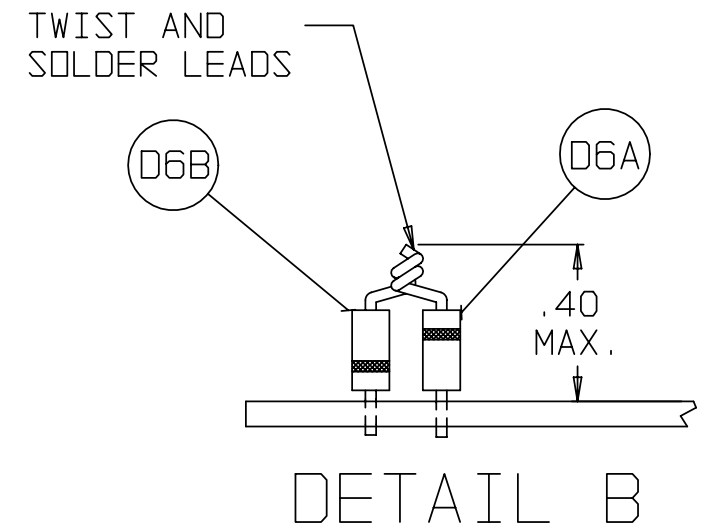
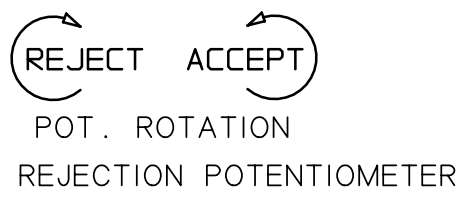
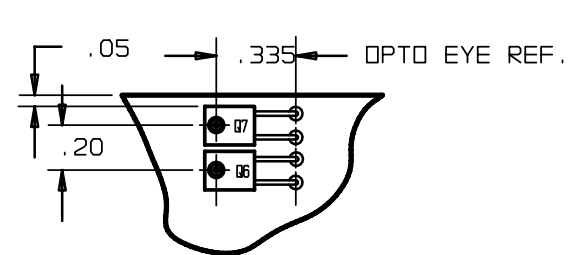
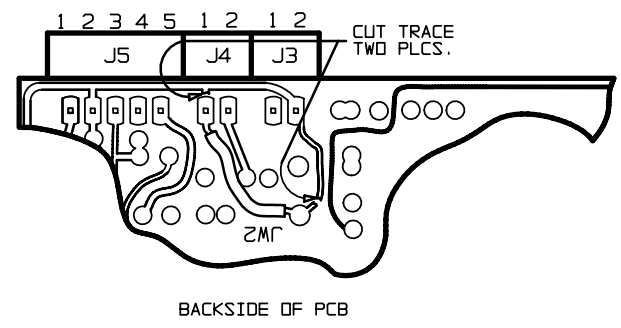
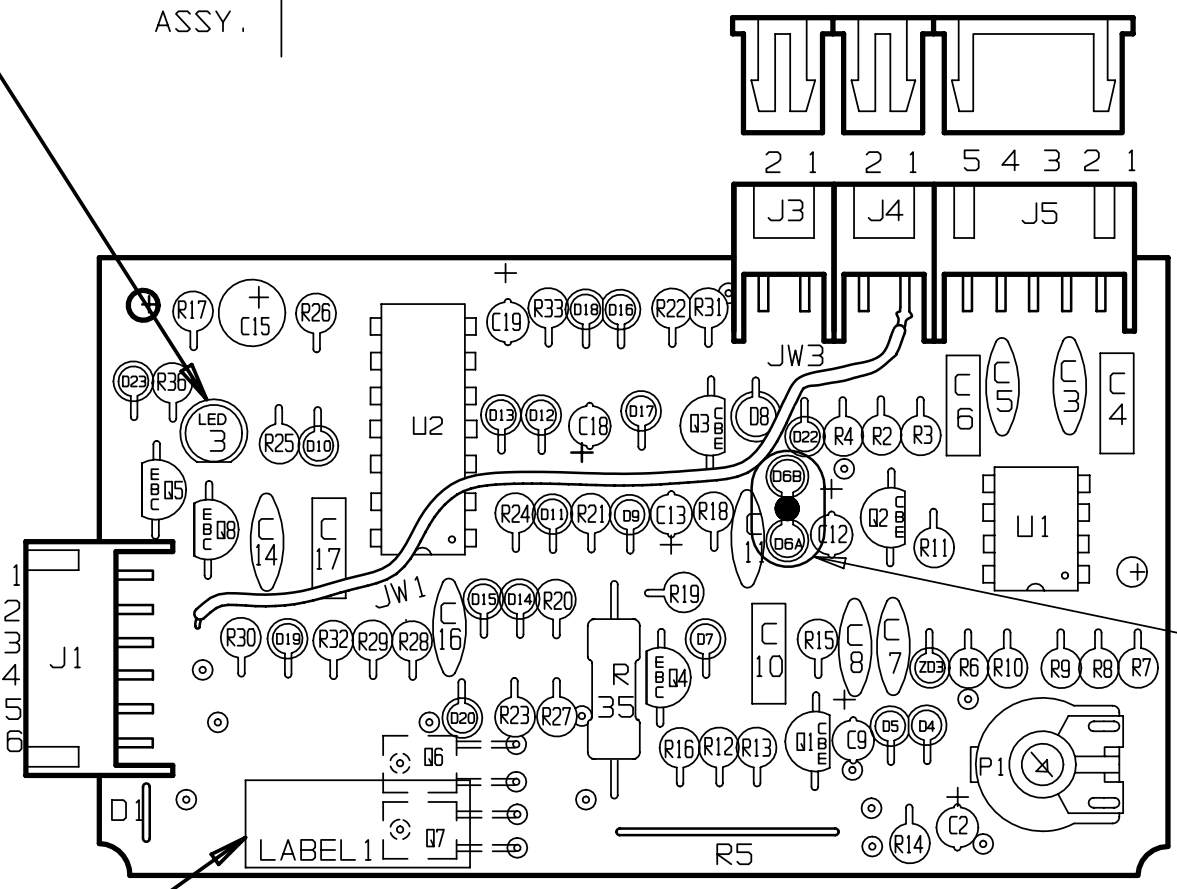
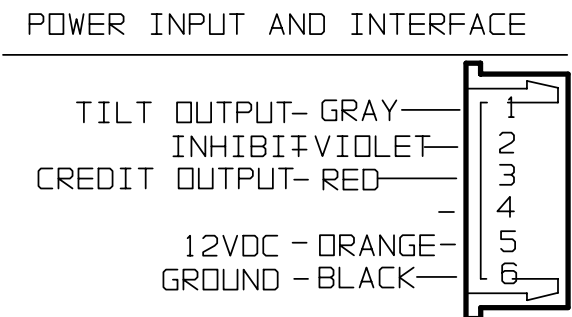
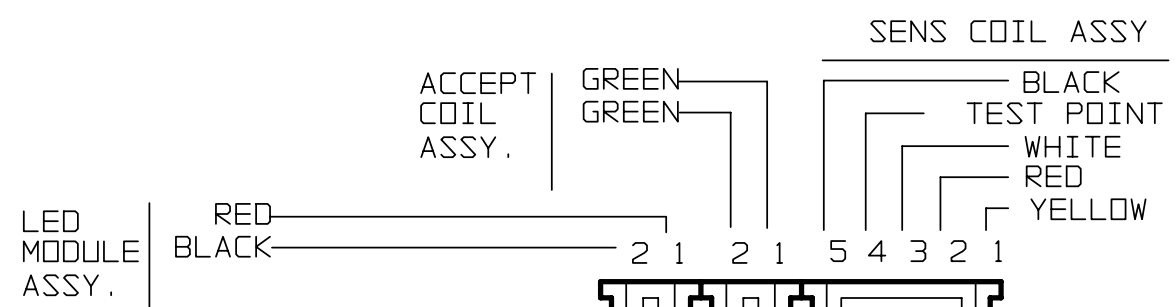
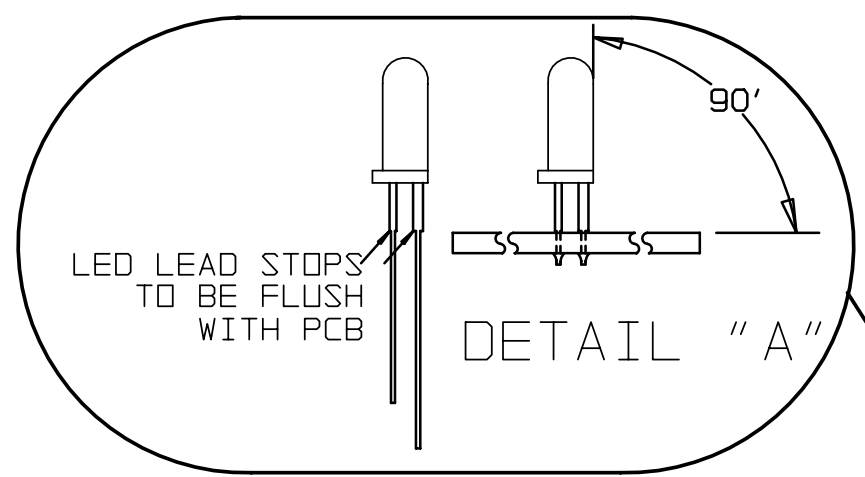


COIN MECHANISMS INC.
 400 REGENCY DR.
 GLENDALE HGTS, IL

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TITLE PCB, CTRL, CC-40, 12VDC, C1.5sec, T13s, INH, SC, GAIN 1			
DRAWN	SS	DATE	5/1/92
CHKD		DATE	
APP		DATE	
DWG NO. 09270365			REV 0

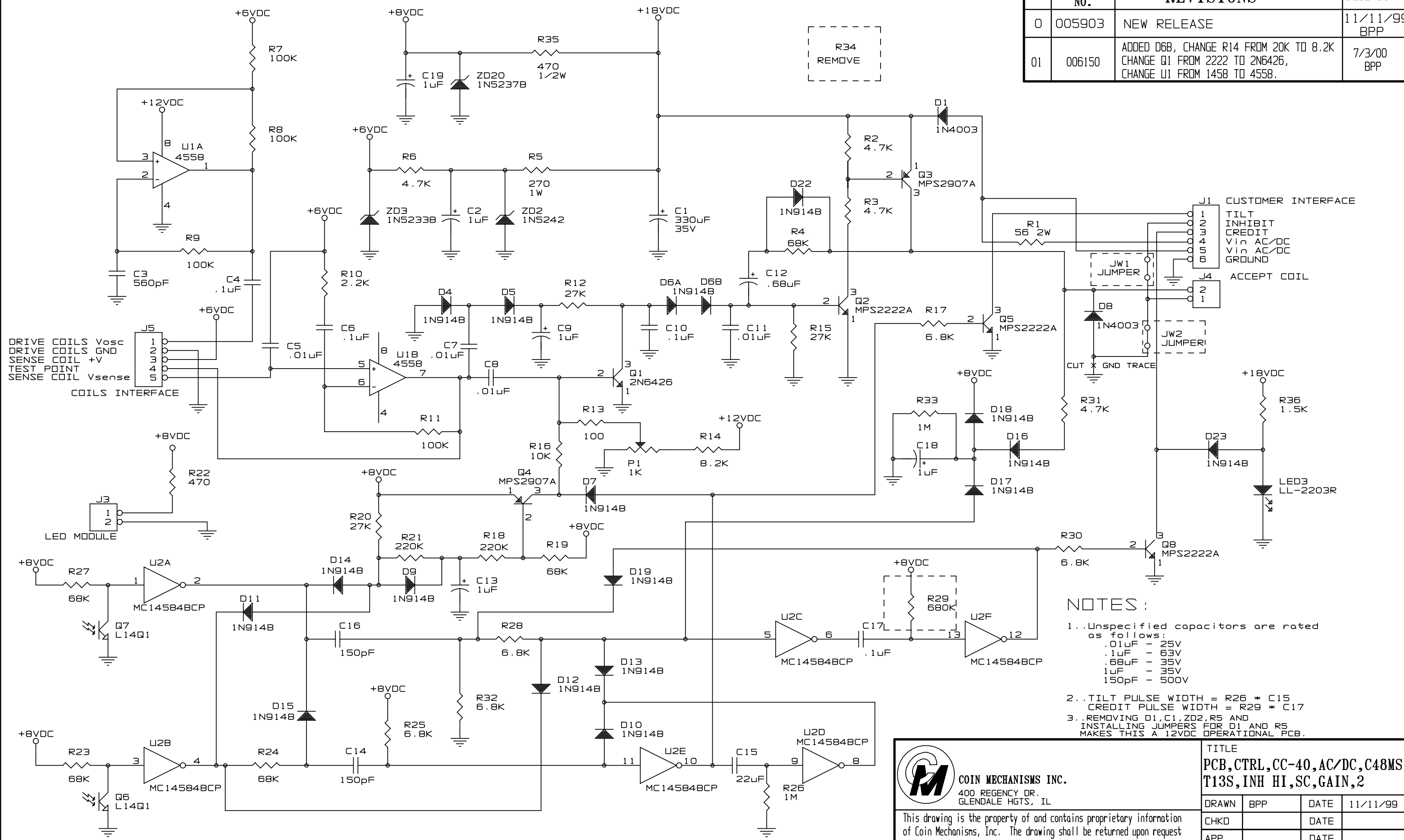
NO.	ECO NO.	REVISIONS	DATE/BY
00	006307	SEE SHEET 1	11/28/00 SJS




- NOTES:
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35IN. UNLESS SPECIFIED OTHERWISE.
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
 5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, 12VDC, C1.5sec, T13s, INH, SC, GAIN 1		
	DRAWN	SS	DATE 11/28/00
<p>This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.</p>	CHKD	DATE	
	APP	DATE	
	DWG NO. 09270365		REV 0
SIZE B G:\ELEC\DWG-REL\0927\09270365\365R1...			SHT 1 OF 1

NO.	ECO NO.	REVISIONS	DATE/BY
0	005903	NEW RELEASE	11/11/99 BPP
01	006150	ADDED D6B, CHANGE R14 FROM 20K TO 8.2K CHANGE Q1 FROM 2222 TO 2N6426, CHANGE U1 FROM 1458 TO 4558.	7/3/00 BPP

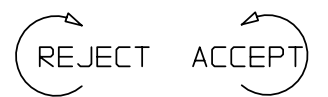
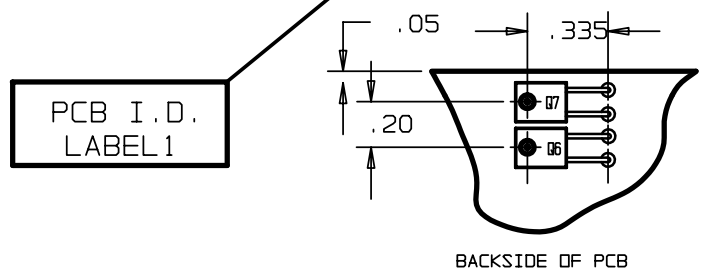
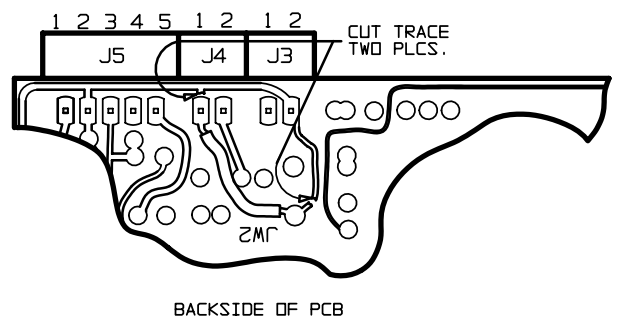
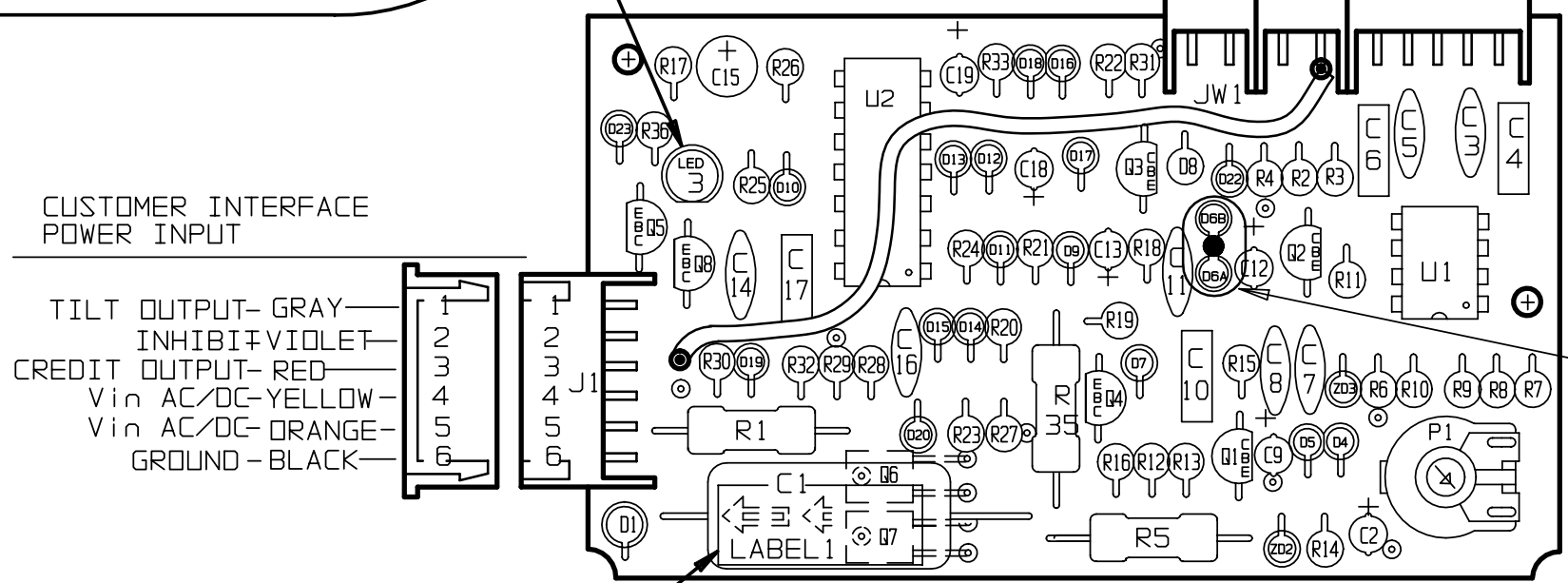
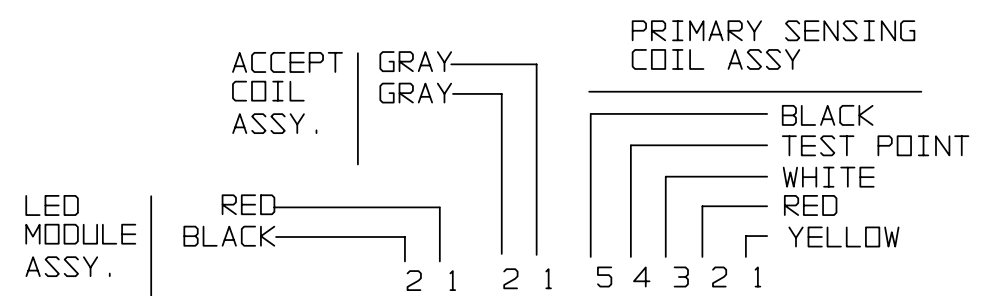
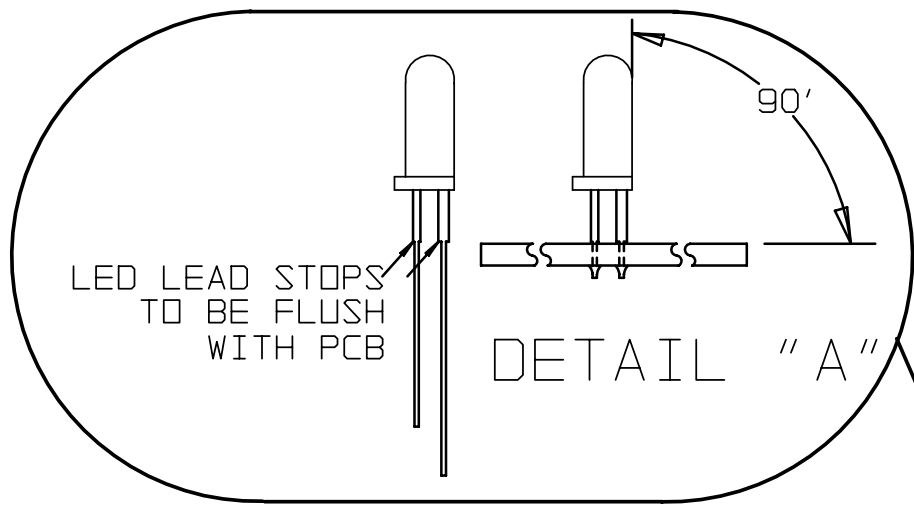


- NOTES:
- Unspecified capacitors are rated as follows:
 .01uF - 25V
 .1uF - 63V
 .68uF - 35V
 1uF - 35V
 150pF - 500V
 - TILT PULSE WIDTH = $R26 * C15$
 CREDIT PULSE WIDTH = $R29 * C17$
 - REMOVING D1, C1, ZD2, R5 AND INSTALLING JUMPERS FOR D1 AND R5 MAKES THIS A 12VDC OPERATIONAL PCB.

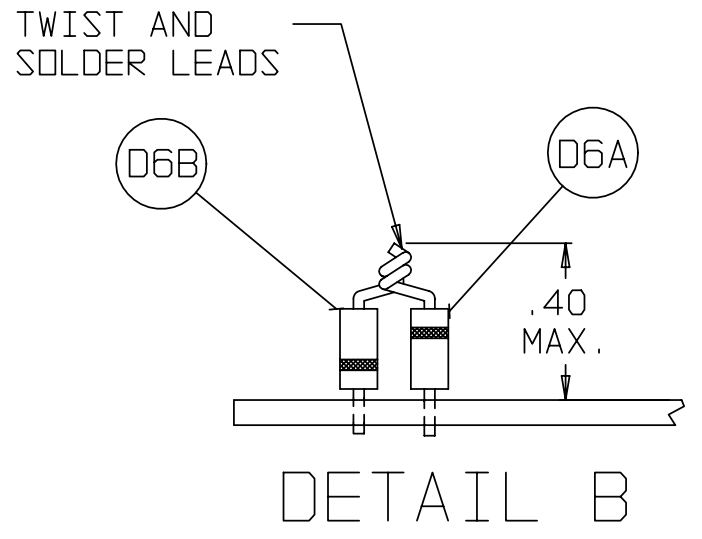
 COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL	TITLE PCB, CTRL, CC-40, AC/DC, C48MS T13S, INH HI, SC, GAIN, 2	
	DRAWN BPP DATE 11/11/99	CHKD DATE
APP DATE	DWG NO. 09270376	REV 1
SIZE B SCALE X=X	COMP NO. XXXXXXXX	SHT 1 OF 1

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NO.	ECO NO.	REVISIONS	DATE/BY
1	6150	SEE SHEET 1	7/3/00 BPP



P1 =SLUG REJECTION POTENTIOMETER POT. ROTATION



- NOTES:
1. REFERENCE DESIGNATIONS REFER TO SCHEMATIC DIAGRAM. ALSO SEE PARTS LIST FOR COMPONENT VALUES.
 2. MAXIMUM HEIGHT ON ANY COMPONENT TO BE .35 IN..
 3. MAXIMUM COMPONENT LEAD PROJECTION TO BE .085 IN..
 4. SOLDERING SHALL BE IN ACCORDANCE WITH IPC-S-815.
 5. ASSEMBLIES TO BE CLEANED OF FLUX AND OTHER CONTAMINANTS AFTER SOLDERING.

<p>COIN MECHANISMS INC. 400 REGENCY DR. GLENDALE HGTS, IL</p>	TITLE PCB, CTRL, CC-40, AC/DC, C48MS T13S, INH HI, SC, GAIN 2			
	DRAWN	BPP	DATE	11/11/99
<p>This drawing is the property of and contains proprietary information of Coin Mechanisms, Inc. The drawing shall be returned upon request and is not to be copied or disclosed without written authorization and will not be used in any way detrimental to the interest of Coin Mechanisms, Inc.</p>	CHKD		DATE	
	APP		DATE	
	DWG NO.	09270376		REV
SIZE	SCALE	X=X	COMP NO.	XXXXXXXX
			SHT	1 OF 1