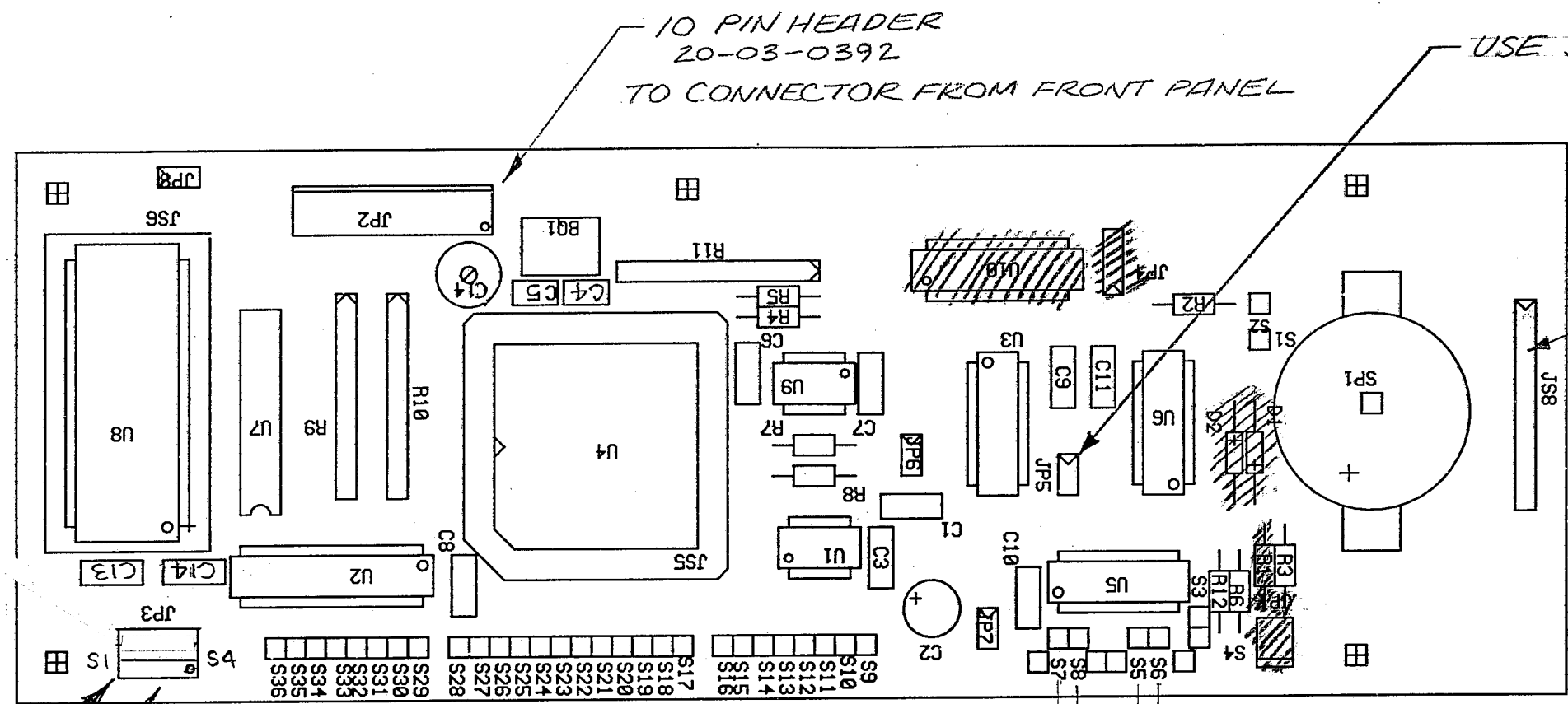


INTERPLEX # 95-01-0492 (10-12-98)

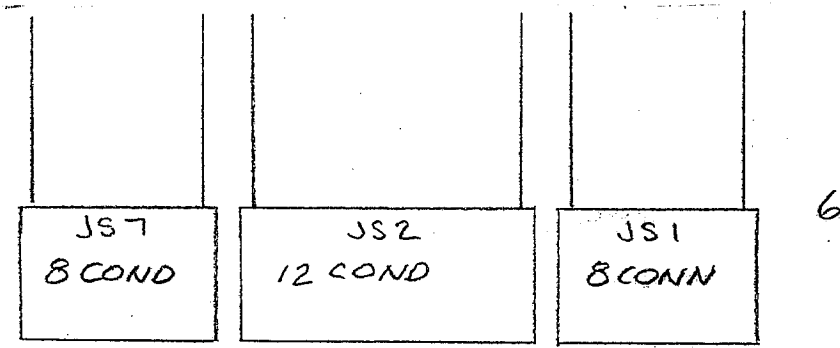
DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
2/69	A	JP3 ROTATED 180°			



(A)  
LOCKING TAB -  
ON THIS SIDE

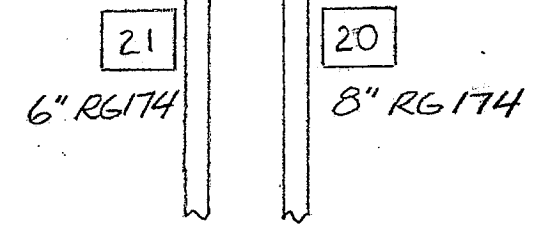
PLUG RS232 ASSY  
INTO JP3

SOLDER RIBBON  
CABLES TO COMPSIDE



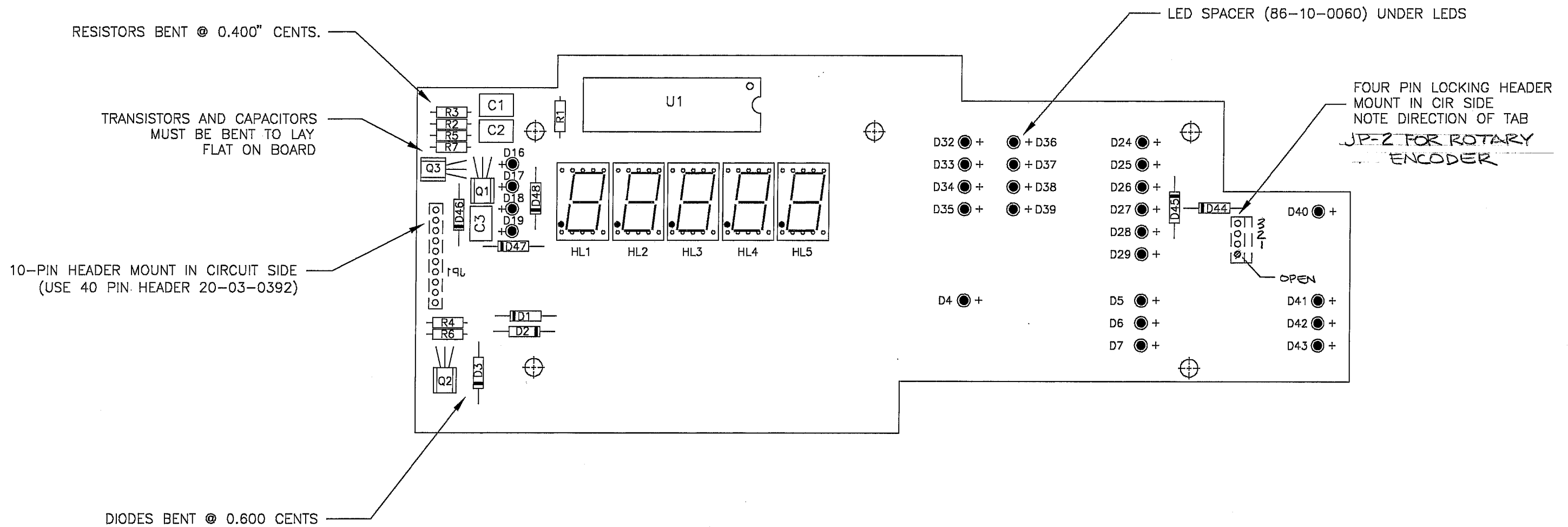
35-01-0049    35-01-0050    35-01-0049

PLUGS INTO MAIN BOARD



TOLERANCES (EXCEPT AS NOTED)		GLOBAL SPECIALTIES CORP NEW HAVEN, CT. 06512	
DECIMAL		SCALE	DRAWN BY
±			APPROVED BY
FRACTIONAL	TITLE	2 5 10	
±		MHZ CPU ASS'Y DWG	
ANGULAR	DATE	DRAWING NUMBER	
±	9-1-98	05-03-0584	

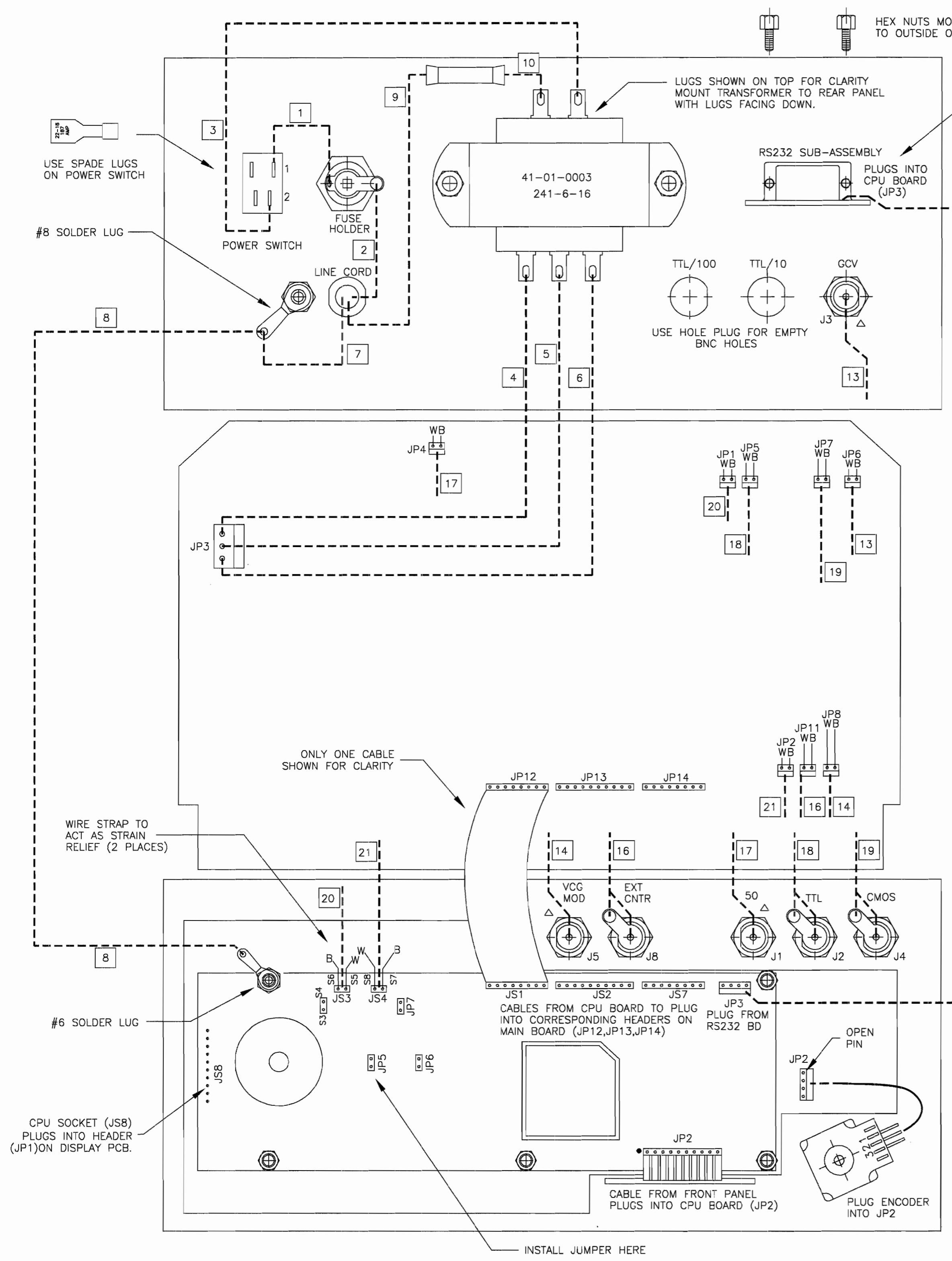
DATE	SYM	REVISION	DRN



<b>GLOBAL SPECIALTIES</b>		
NEW HAVEN CT 06512		
REFER TO SUB-ASSEMBLY 02-05-0764	SCALE	DRAWN BY
TITLE 2 MHz FUNCTGEN DISPLAY BD ASS'Y DWG.		
DATE 08/26/98	DRAWING NUMBER 05-03-0571	



DATE	SYM	REVISION	AUTH	DR	CK

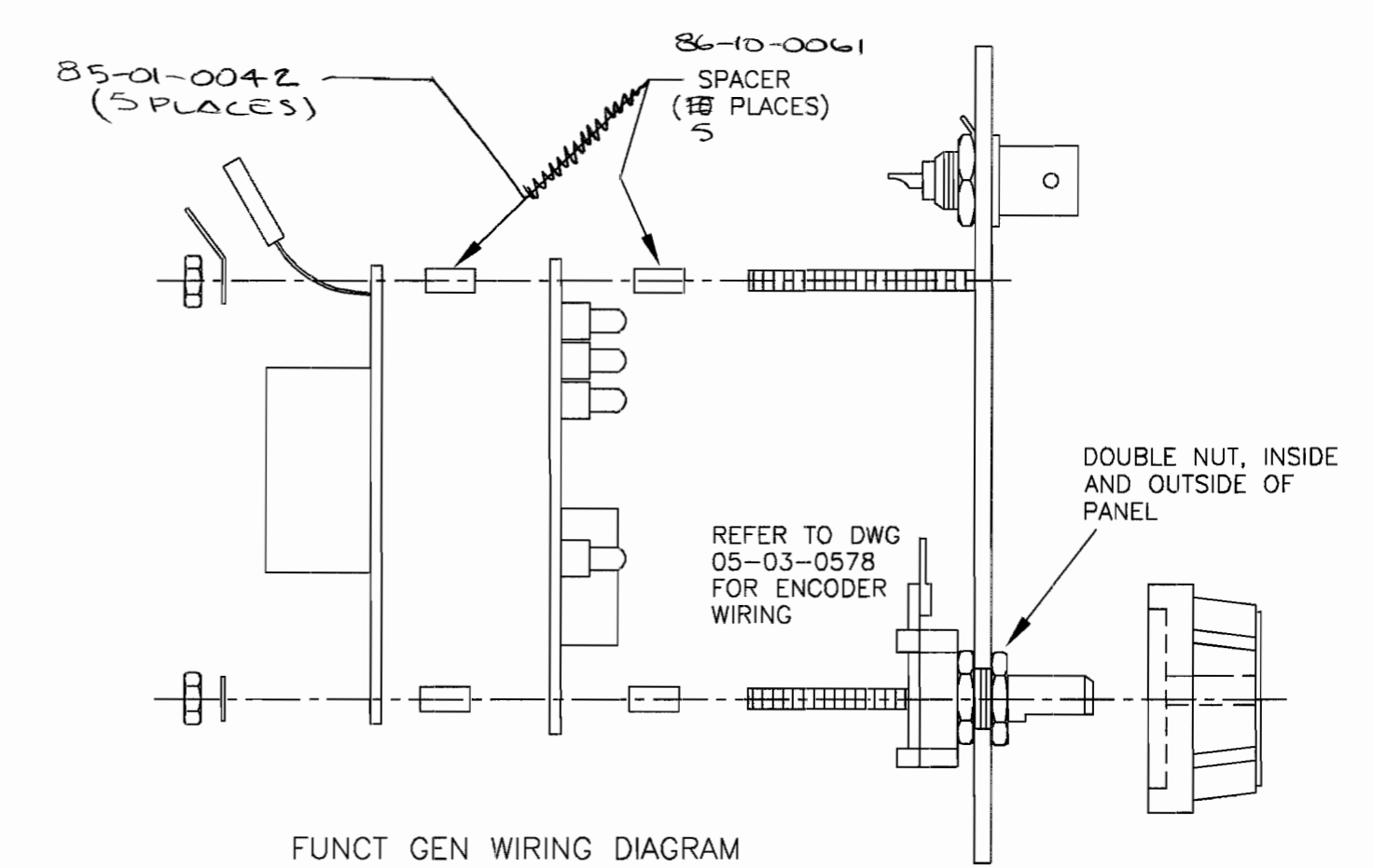


SEE DRAWING 05-03-0572 FOR RS-232 WIRING

WIRE LIST

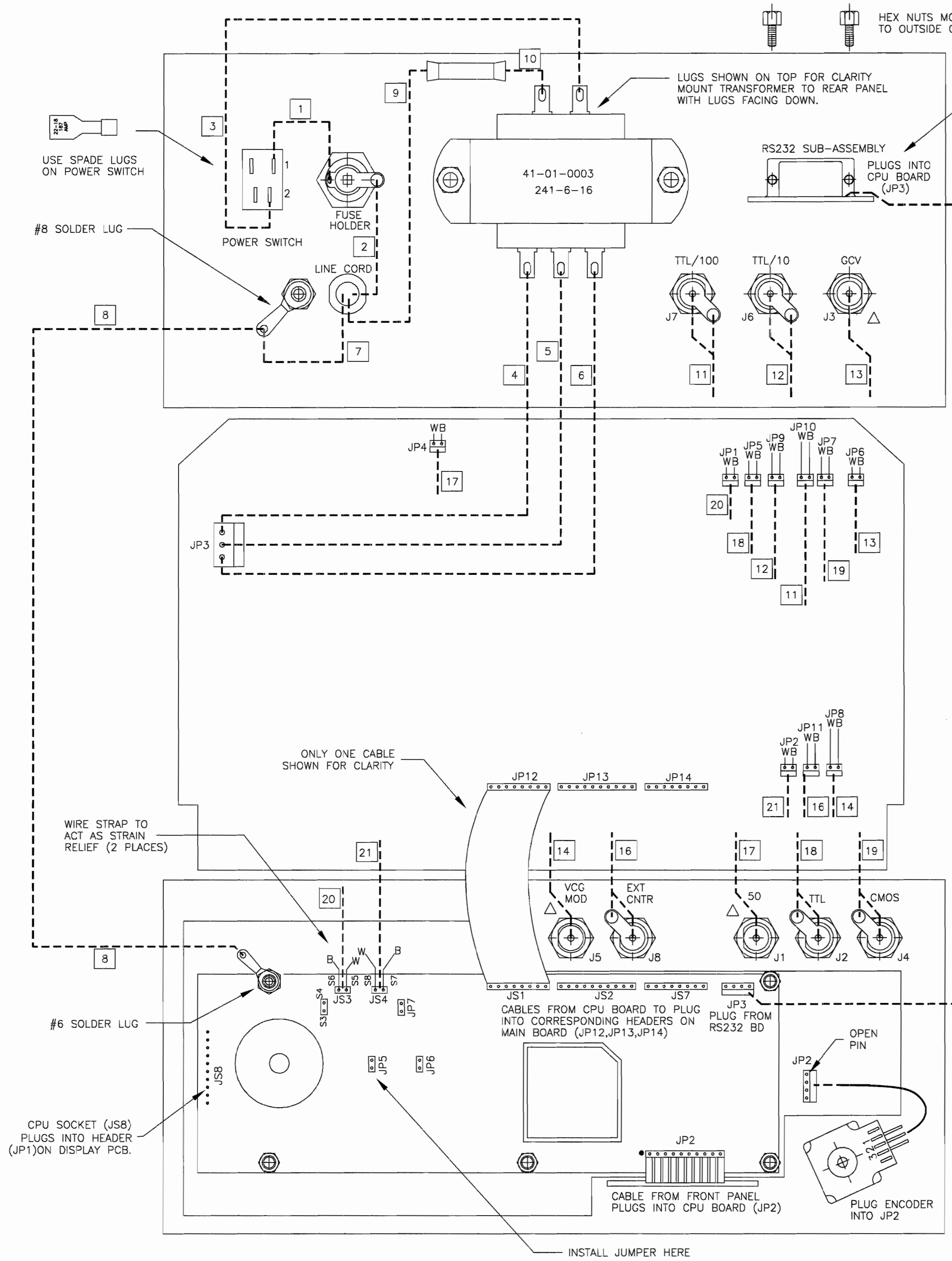
WIRE NUMBER	TYPE/AWG	COLOR	LENGTH	TERMINATION	TERMINATION	
1	18	BLACK	5"	FUSE SIDE LUG	POWER SWITCH 1	
2	CORD	BLACK	5 1/2"	LINE CORD	FUSE END LUG	
3	18	BLACK	8"	XFORMER LUG	POWER SWITCH 2	
4	22	RED	7"	XFORMER LUG	3 PIN SOCKET	JP3
5	22	BLACK	7"	XFORMER LUG	3 PIN SOCKET	JP3
6	22	RED	7"	XFORMER LUG	3 PIN SOCKET	JP3
7	CORD	GREEN	5 1/2"	LINE CORD	GROUND LUG	
8	18	GREEN	8"	GROUND LUG REAR	GROUND LUG FRONT	
9	CORD	WHITE	7"	LINE CORD	BUTT SPLICE	
10	18	WHITE	7"	XFORMER LUG	BUTT SPLICE	
13	RG174/U COAX		4"	GCV BNC-J3 Δ	JP6-MAIN BOARD	B=BRAID W=WIRE
14	RG174/U COAX		6"	UCG MOD BNC-J5	JP8-MAIN BOARD	B=BRAID W=WIRE
16	RG174/U COAX		6"	EXT CNTR BNC-J8	JP11-MAIN BOARD	B=BRAID W=WIRE
17	RG174/U COAX		9"	50 OHM BNC-J1 Δ	JP4-MAIN BOARD	B=BRAID W=WIRE
18	RG174/U COAX		7"	TTL BNC-J2	JP5-MAIN BOARD	B=BRAID W=WIRE
19	RG174/U COAX		7"	CMOS BNC-J4	JP7-MAIN BOARD	B=BRAID W=WIRE
20	RG174/U COAX		9"	JS3(S5-S6) CPU BD	JP1-MAIN BOARD	B=BRAID W=WIRE
21	RG174/U COAX		9"	JS4(S7-S8) CPU BD	JP2-MAIN BOARD	B=BRAID W=WIRE

SHRINK SLEEVE ALL WIRED CONNECTIONS AND FUSE HOLDER  
 Δ = DO NOT CONNECT GROUND ON BNC



FUNC GEN WIRING DIAGRAM  
2MHz MODELS ONLY

DATE	SYM	REVISION	AUTH	DR	CK

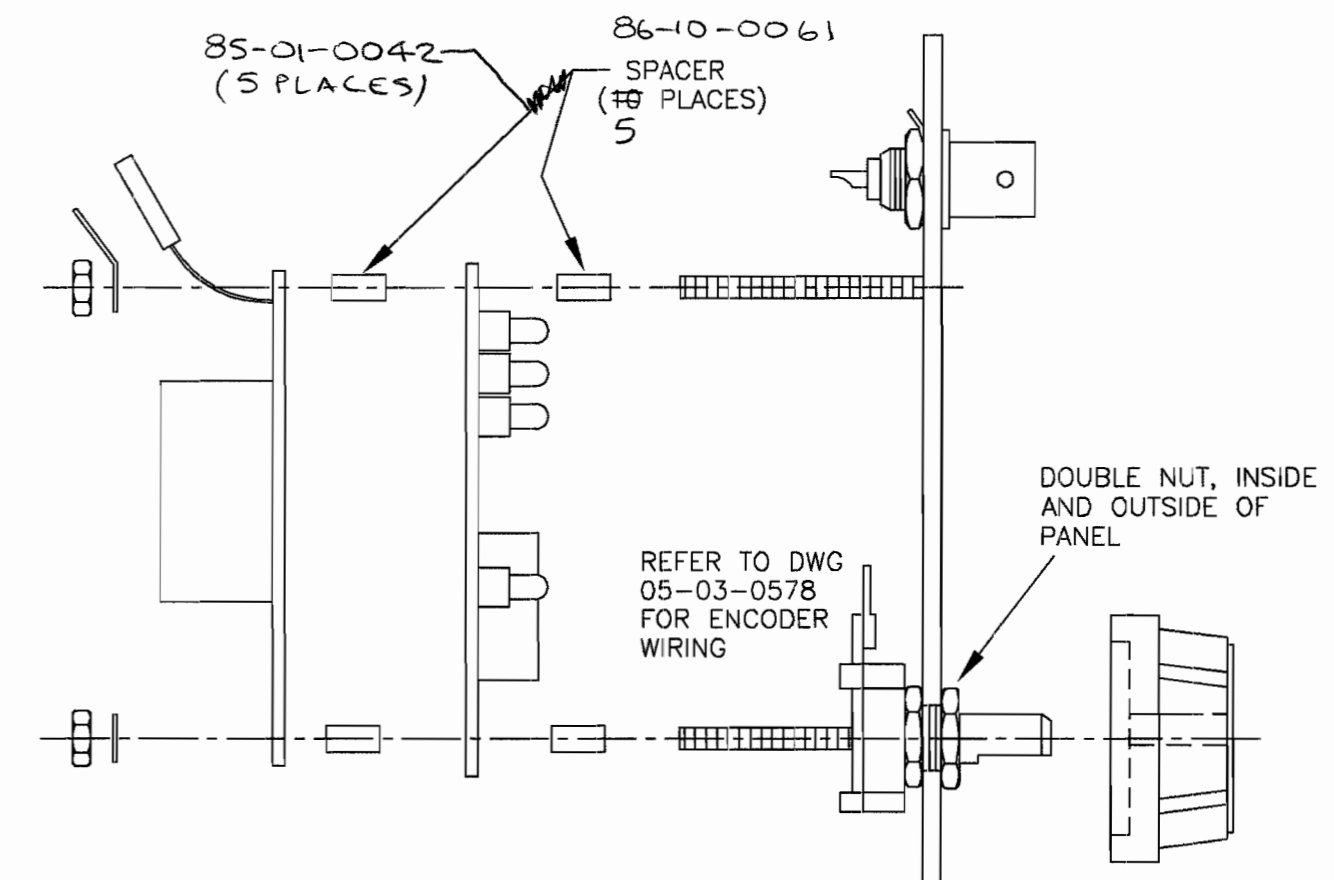


SEE DRAWING 05-03-0572 FOR RS-232 WIRING

WIRE LIST

WIRE NUMBER	TYPE/AWG	COLOR	LENGTH	TERMINATION	TERMINATION	
1	18	BLACK	5"	FUSE SIDE LUG	POWER SWITCH 1	
2	CORD	BLACK	5 1/2"	LINE CORD	FUSE END LUG	
3	18	BLACK	8"	XFORMER LUG	POWER SWITCH 2	
4	22	RED	7"	XFORMER LUG	3 PIN SOCKET	JP3
5	22	BLACK	7"	XFORMER LUG	3 PIN SOCKET	JP3
6	22	RED	7"	XFORMER LUG	3 PIN SOCKET	JP3
7	CORD	GREEN	5 1/2"	LINE CORD	GROUND LUG	
8	18	GREEN	8"	GROUND LUG REAR	GROUND LUG FRONT	
9	CORD	WHITE	7"	LINE CORD	BUTT SPLICE	
10	18	WHITE	7"	XFORMER LUG	BUTT SPLICE	
11	RG174/U COAX		4"	TTL/100 BNC-J7	JP10-MAIN BOARD	B=BRAID W=WIRE
12	RG174/U COAX		4"	TTL/10 BNC-J6	JP9-MAIN BOARD	B=BRAID W=WIRE
13	RG174/U COAX		4"	GCV BNC-J3 Δ	JP6-MAIN BOARD	B=BRAID W=WIRE
14	RG174/U COAX		6"	UCG MOD BNC-J5	JP8-MAIN BOARD	B=BRAID W=WIRE
16	RG174/U COAX		6"	EXT CNTR BNC-J8	JP11-MAIN BOARD	B=BRAID W=WIRE
17	RG174/U COAX		9"	50 OHM BNC-J1 Δ	JP4-MAIN BOARD	B=BRAID W=WIRE
18	RG174/U COAX		7"	TTL BNC-J2	JP5-MAIN BOARD	B=BRAID W=WIRE
19	RG174/U COAX		7"	CMOS BNC-J4	JP7-MAIN BOARD	B=BRAID W=WIRE
20	RG174/U COAX		9"	JS3(S5-S6) CPU BD	JP1-MAIN BOARD	B=BRAID W=WIRE
21	RG174/U COAX		9"	JS4(S7-S8) CPU BD	JP2-MAIN BOARD	B=BRAID W=WIRE

SHRINK SLEEVE ALL WIRED CONNECTIONS AND FUSE HOLDER  
 Δ = DO NOT CONNECT GROUND ON BNC



FUNCT GEN WIRING DIAGRAM  
5 & 10MHz MODELS ONLY

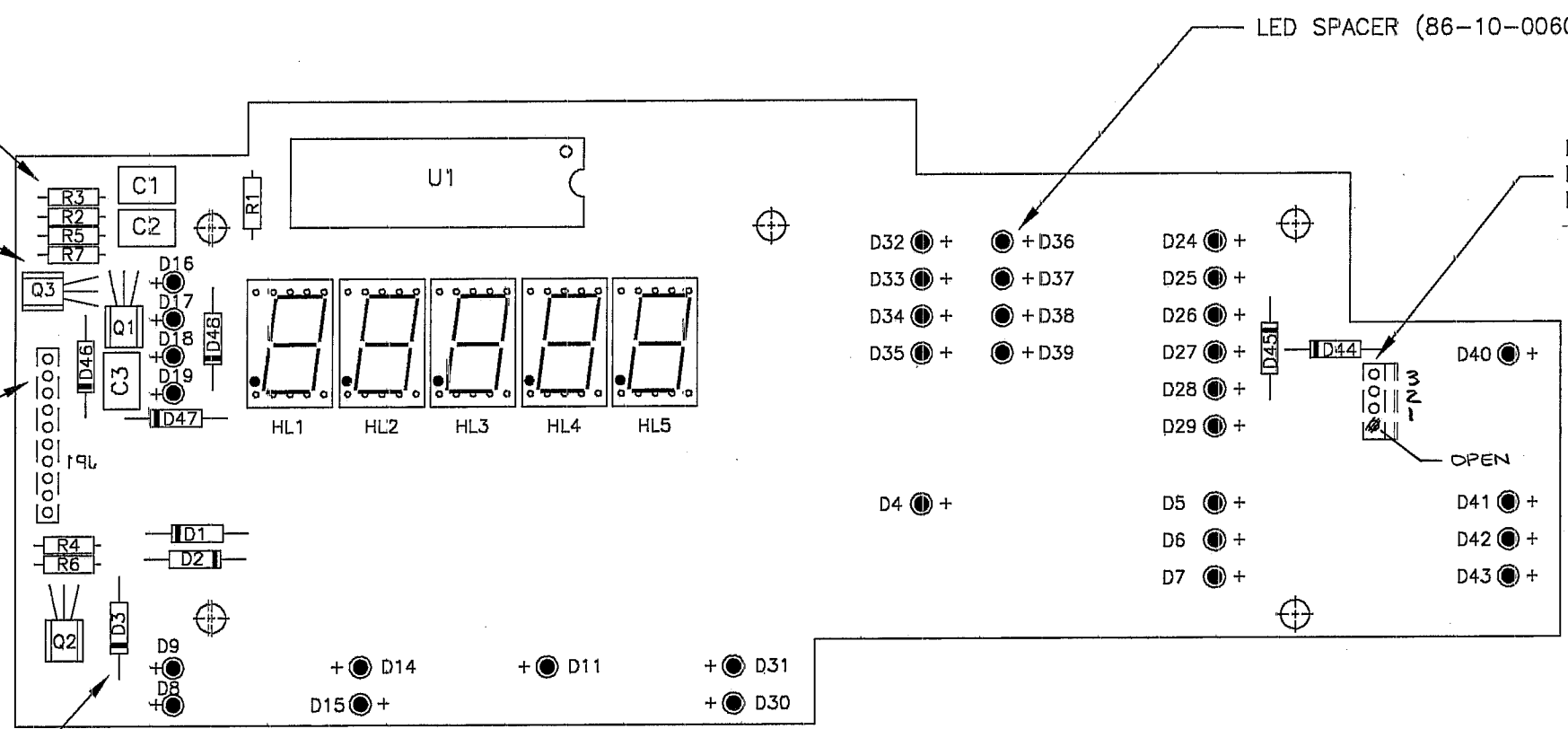
DATE	SYM	REVISION	DRN

RESISTORS BENT @ 0.400" CENTS.

TRANSISTORS AND CAPACITORS  
MUST BE BENT TO LAY  
FLAT ON BOARD

10-PIN HEADER MOUNT IN CIRCUIT SIDE  
(USE 40 PIN HEADER 20-03-00392)

DIODES BENT @ 0.600 CENTS

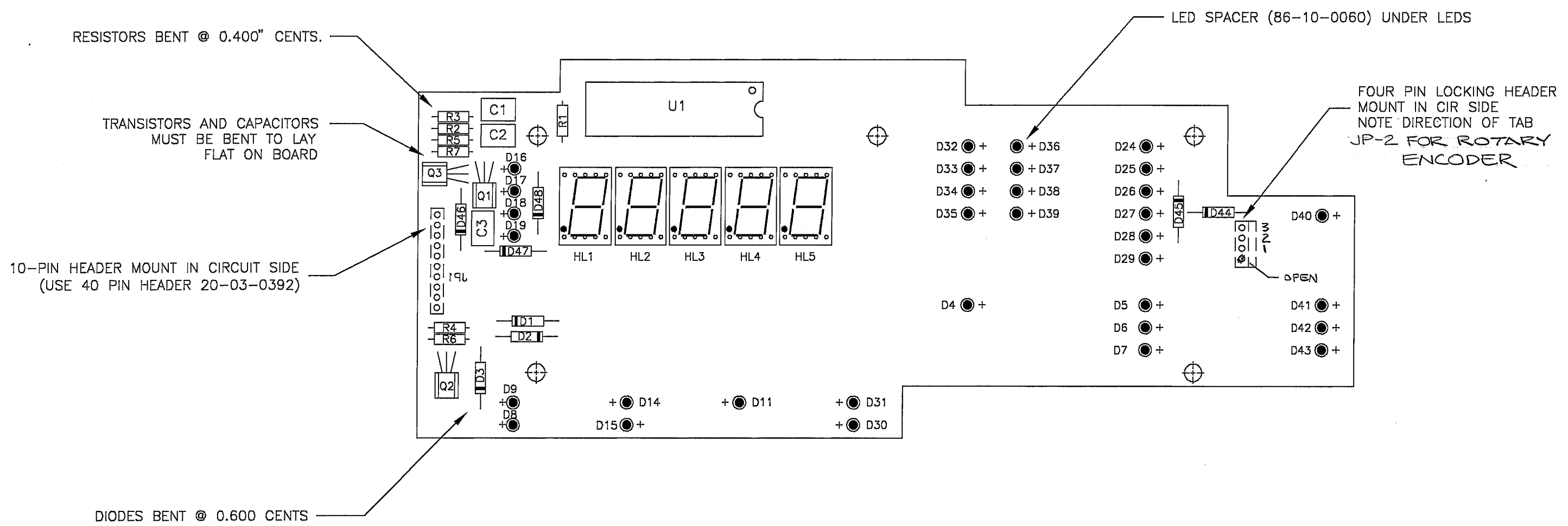


LED SPACER (86-10-0060) UNDER LEDS

FOUR PIN LOCKING HEADER  
MOUNT IN CIR SIDE  
NOTE DIRECTION OF TAB  
JP-2 FOR ROTARY  
ENCODER

<b>GLOBAL SPECIALTIES</b>		
NEW HAVEN CT 06512		
REFER TO SUB-ASSEMBLY 02-05-0759	SCALE	DRAWN BY
TITLE 5 MHz FUNCTGEN DISPLAY BD ASS'Y DWG.		
DATE 08/26/98	DRAWING NUMBER 05-03-0570	

DATE	SYM	REVISION	DRN

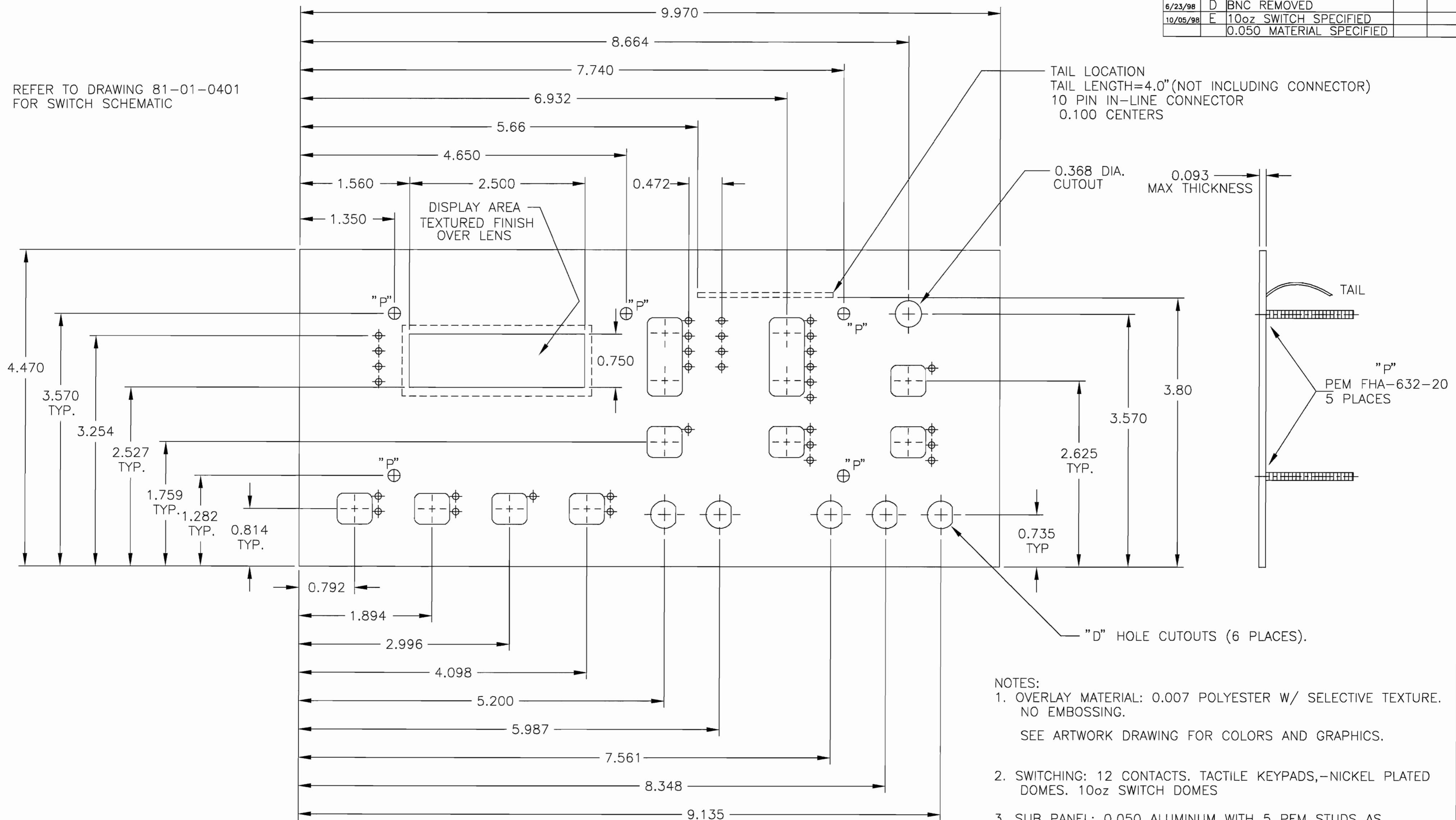


<b>GLOBAL SPECIALTIES</b>		
NEW HAVEN CT 06512		
REFER TO SUB-ASSEMBLY 02-05-0755	SCALE	DRAWN BY
TITLE 10 MHz FUNCTGEN DISPLAY BD ASS'Y DWG.		
DATE 08/26/98	DRAWING NUMBER 05-03-0569	



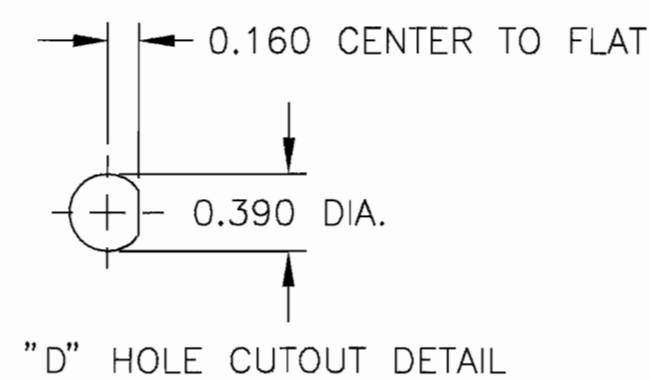
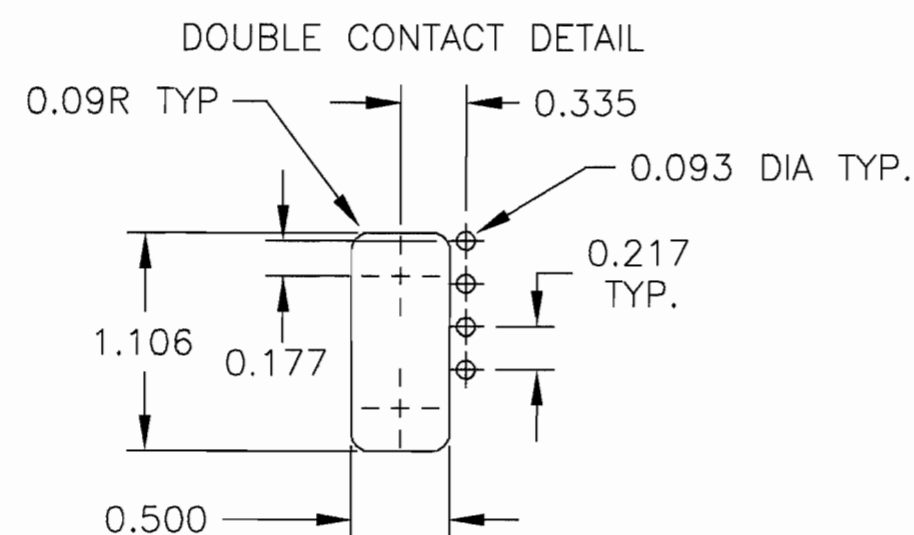
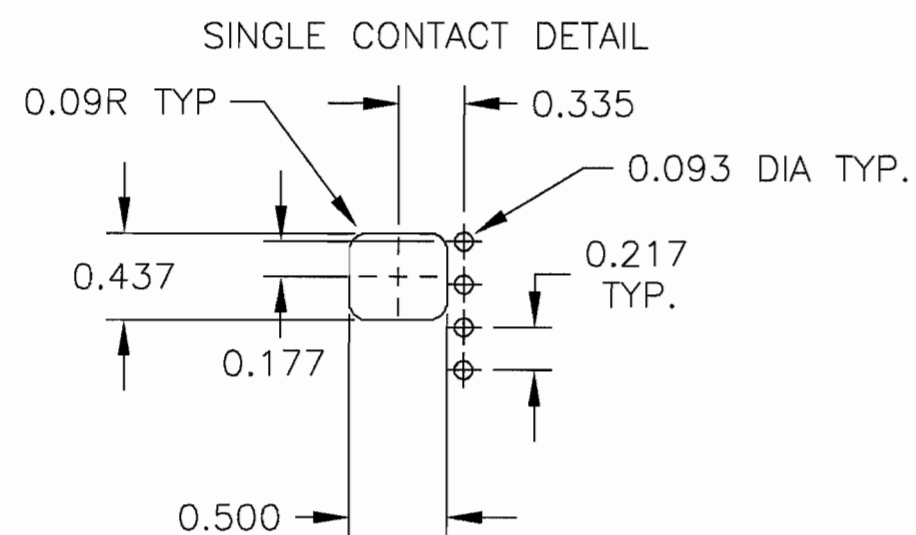
DATE	SYM	REVISION	DR	CK
3/26/98	A	DWG NOTES REVISED		
6/10/98	C	MISC CHANGES		
6/23/98	D	BNC REMOVED		
10/05/98	E	10oz SWITCH SPECIFIED		
		0.050 MATERIAL SPECIFIED		

REFER TO DRAWING 81-01-0401 FOR SWITCH SCHEMATIC



NOTES:

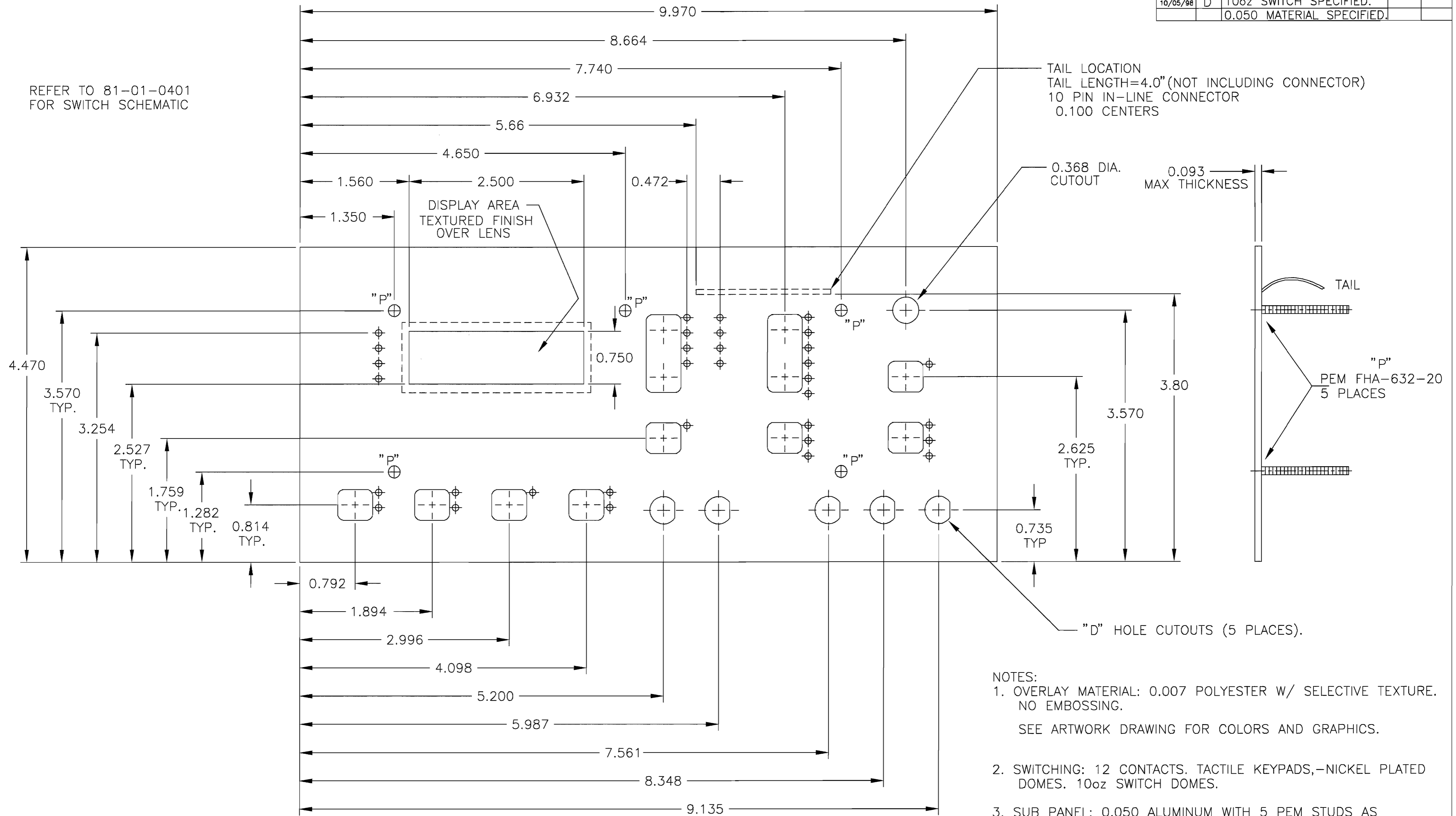
- OVERLAY MATERIAL: 0.007 POLYESTER W/ SELECTIVE TEXTURE. NO EMBOSING.  
SEE ARTWORK DRAWING FOR COLORS AND GRAPHICS.
- SWITCHING: 12 CONTACTS. TACTILE KEYPADS, -NICKEL PLATED DOMES. 10oz SWITCH DOMES
- SUB PANEL: 0.050 ALUMINUM WITH 5 PEM STUDS AS SHOWN WITH "P" MARKING. CUTOUTS AS SHOWN.  
⌀ = 0.093 DIA. TEXTURED RED LENS TO COVER 0.125 DIA. CUTOUTS IN ALUM SUB PANEL (33 PLACES).
- 2.5 X 0.75 TEXTURED RED LENS TO COVER 2.7 X 1.0 CUTOUT IN ALUM SUB PANEL.



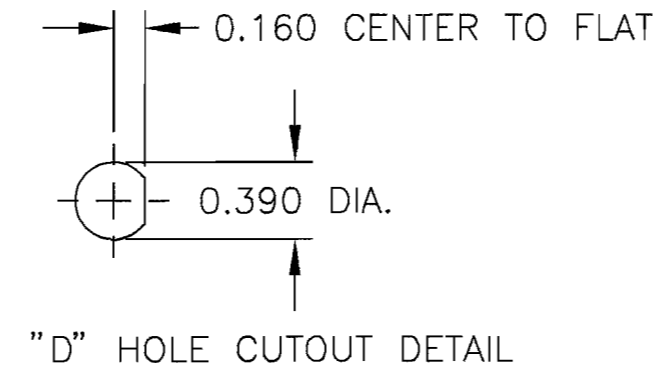
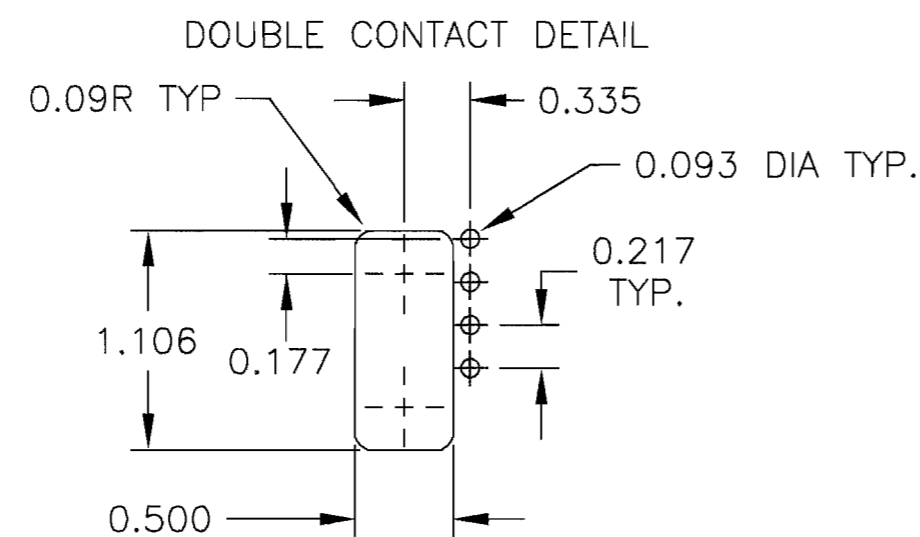
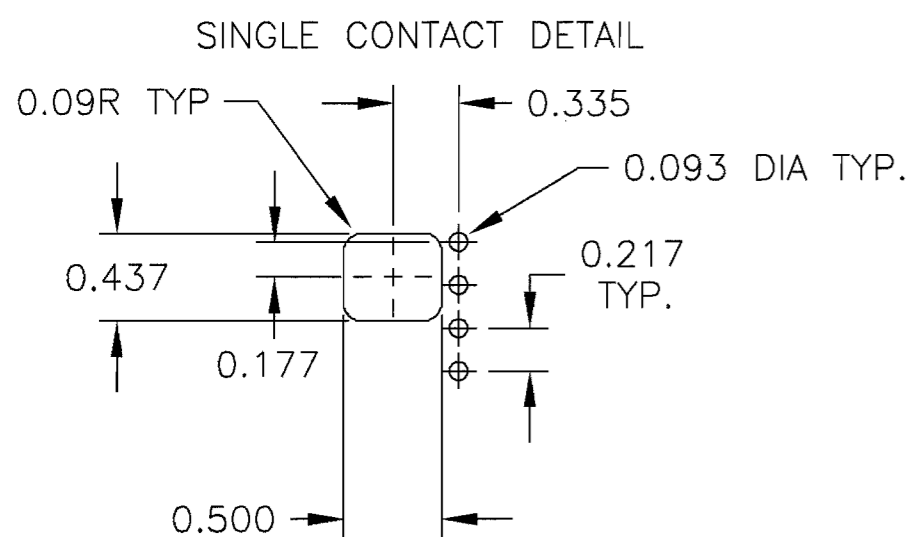
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING BREAK SHARP EDGES .005 TO .015 ALL ⌀ CONCENTRIC WITHIN .005 TIR		<b>GLOBAL SPECIALTIES</b> NEW HAVEN CT 06512	
DECIMALS .XX = .01 .XXX = .005	ANGLES 1° √32	SCALE	DRAWN BY
MATERIAL : SEE NOTE		TITLE FRONT PANEL, 10MHz FG	
FINISH : SEE NOTE		DATE 6/30/97	DRAWING NUMBER 81-01-0402

DATE	SYM	REVISION	DR	CK
3/26/98	A	DWG NOTES REVISED		
6/10/98	C	MISC CHANGES		
10/05/98	D	10oz SWITCH SPECIFIED.		
		0.050 MATERIAL SPECIFIED.		

REFER TO 81-01-0401 FOR SWITCH SCHEMATIC

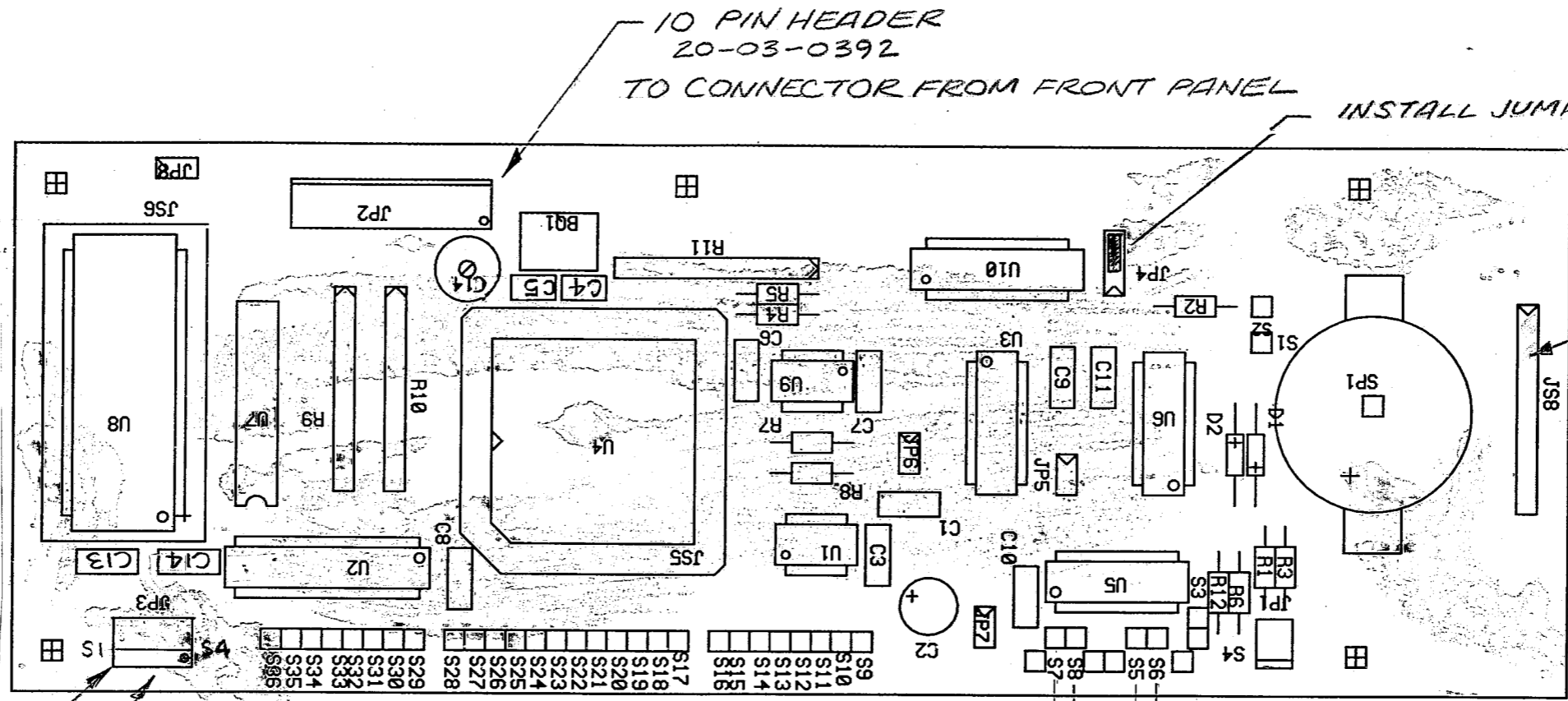


- NOTES:
- OVERLAY MATERIAL: 0.007 POLYESTER W/ SELECTIVE TEXTURE. NO EMBOSING.  
SEE ARTWORK DRAWING FOR COLORS AND GRAPHICS.
  - SWITCHING: 12 CONTACTS. TACTILE KEYPADS, -NICKEL PLATED DOMES. 10oz SWITCH DOMES.
  - SUB PANEL: 0.050 ALUMINUM WITH 5 PEM STUDS AS SHOWN WITH "P" MARKING. CUTOUTS AS SHOWN.  
 $\phi$  = 0.093 DIA. TEXTURED RED LENS TO COVER 0.125 DIA. CUTOUTS IN ALUM SUB PANEL (33 PLACES).
  - 2.5 X 0.75 TEXTURED RED LENS TO COVER 2.7 X 1.0 CUTOUT IN ALUM SUB PANEL.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING BREAK SHARP EDGES .005 TO .015 ALL $\phi$ CONCENTRIC WITHIN .005 TIR		GLOBAL SPECIALTIES NEW HAVEN CT 06512	
DECIMALS .XX = .01 .XXX = .005	ANGLES 1° $\sqrt{32}$	SCALE	DRAWN BY
MATERIAL : SEE NOTE		TITLE FRONT PANEL, 5MHz FG	
FINISH : SEE NOTE		DATE 6/30/97	DRAWING NUMBER 81-01-0403

DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
2/99	A	JP3 ROTATED 180°			



10 PIN HEADER  
20-03-0392  
TO CONNECTOR FROM FRONT PANEL

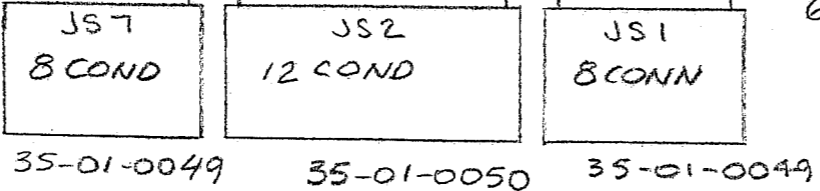
INSTALL JUMPER HERE.

10 PIN SOCKET  
MOUNT TO CIRCUIT  
SIDE

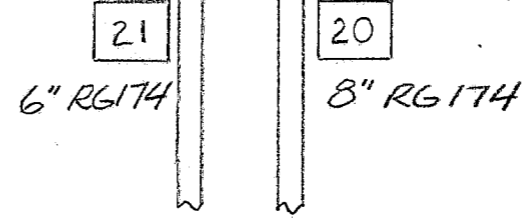
(A)  
LOCKING TAB  
THIS SIDE

PLUG RS 232 ASSY  
INTO JP3

SOLDER RIBBON  
CABLES TO COMPSIDE

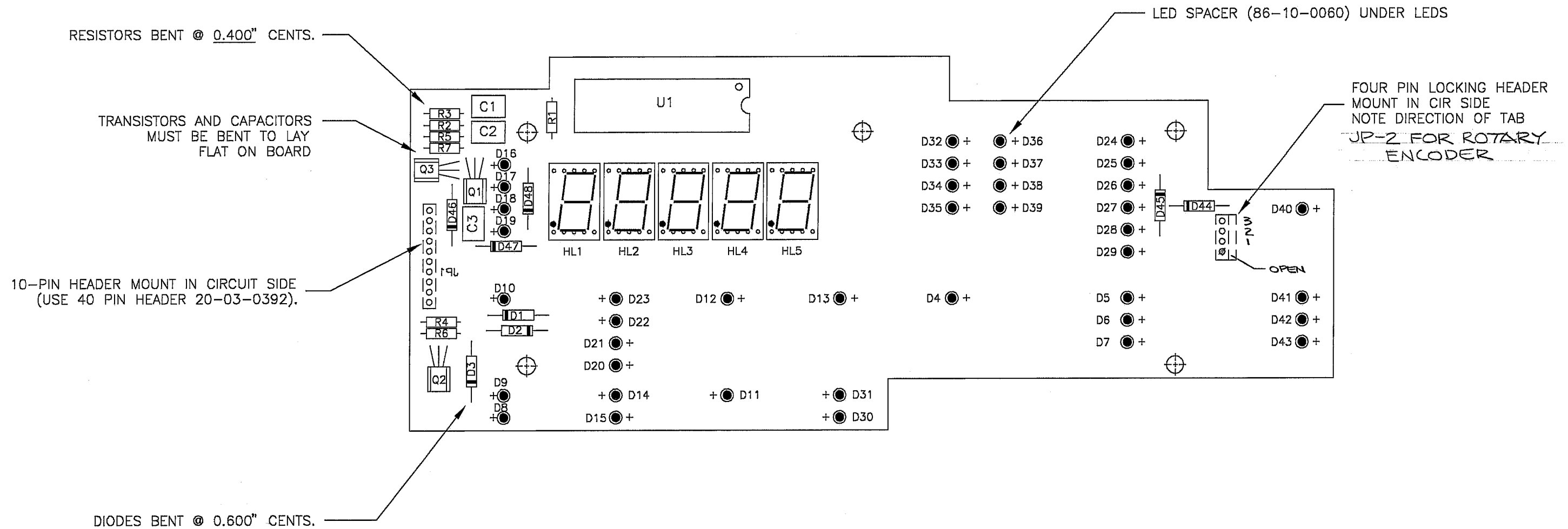


PLUGS INTO MAIN BOARD



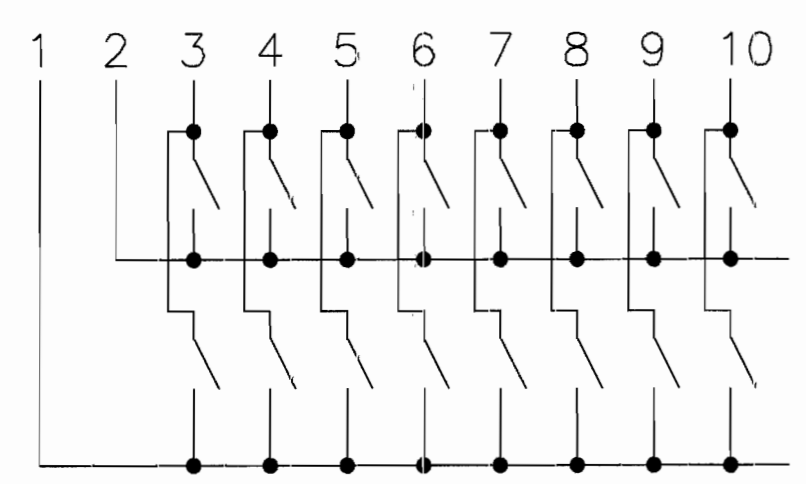
TOLERANCES (EXCEPT AS NOTED)	GLOBAL SPECIALTIES CORP NEW HAVEN, CT. 06512		
DECIMAL	SCALE	DRAWN BY	
±		APPROVED BY	
FRACTIONAL	TITLE 20 MHz CPU ASS'Y DWG		
±	DATE 9-1-98	DRAWING NUMBER 05-03-0575	
ANGULAR			
±			

DATE	SYM	REVISION	DRN

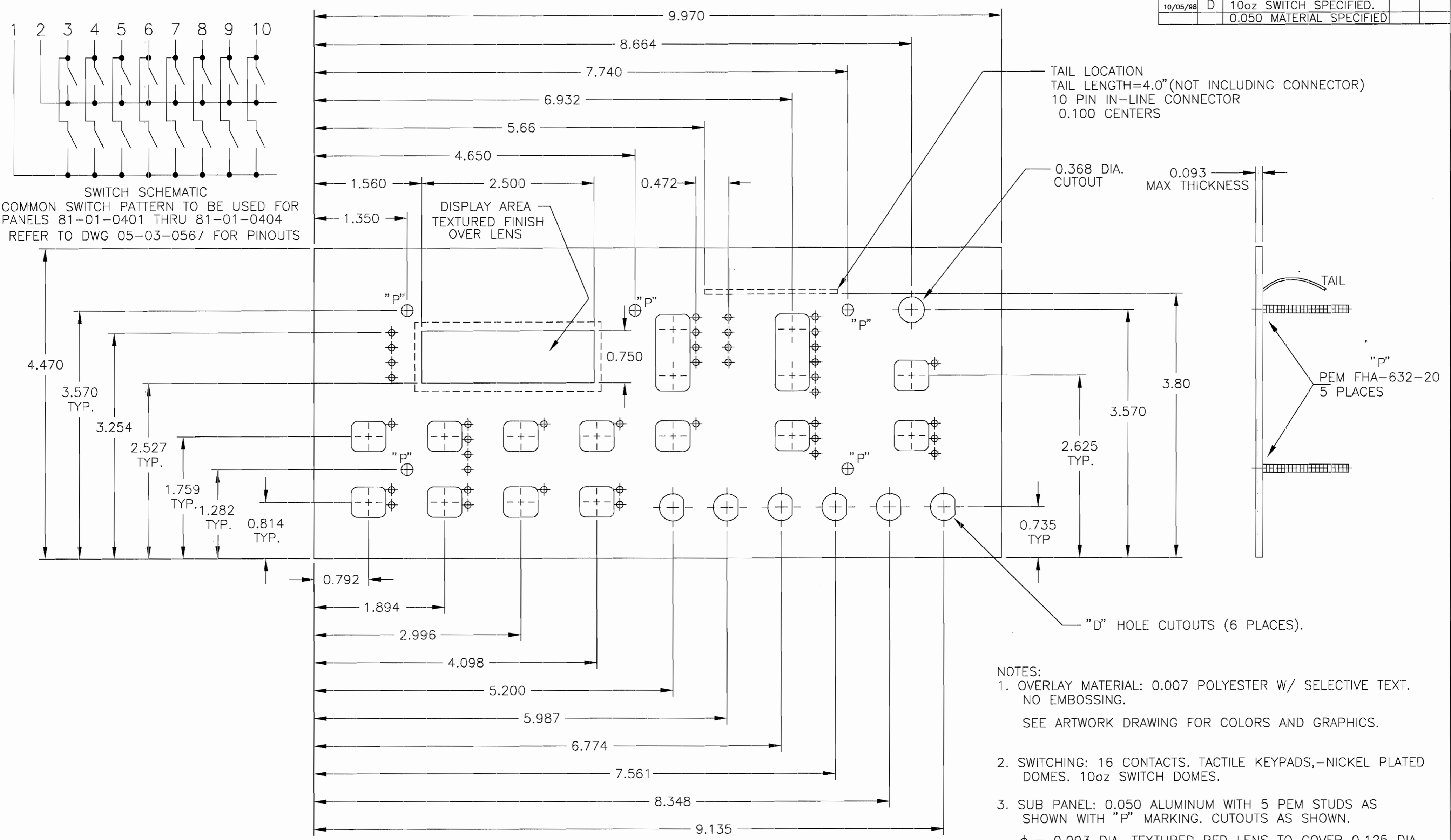


<b>GLOBAL SPECIALTIES</b>		
NEW HAVEN CT 06512		
REFER TO SUB ASSEMBLY 02-05-0748	SCALE	DRAWN BY
TITLE 20 MHz FUNCTGEN DISPLAY BD ASS'Y DWG.		
DATE 08/26/98	DRAWING NUMBER 05-03-0568	

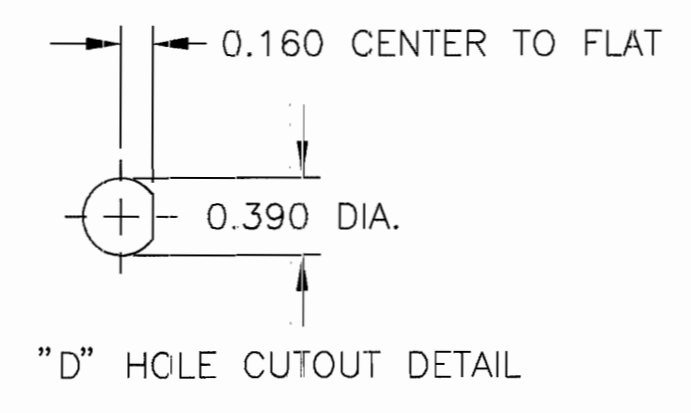
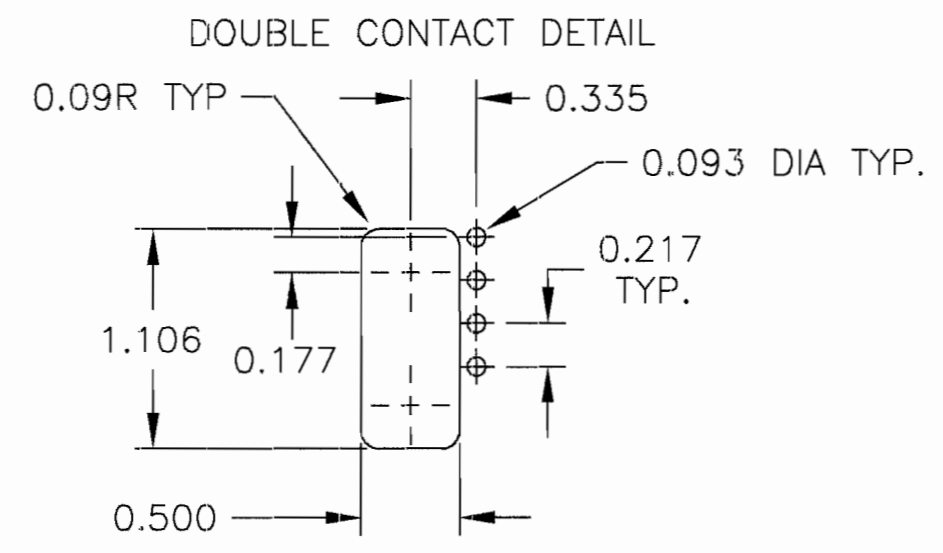
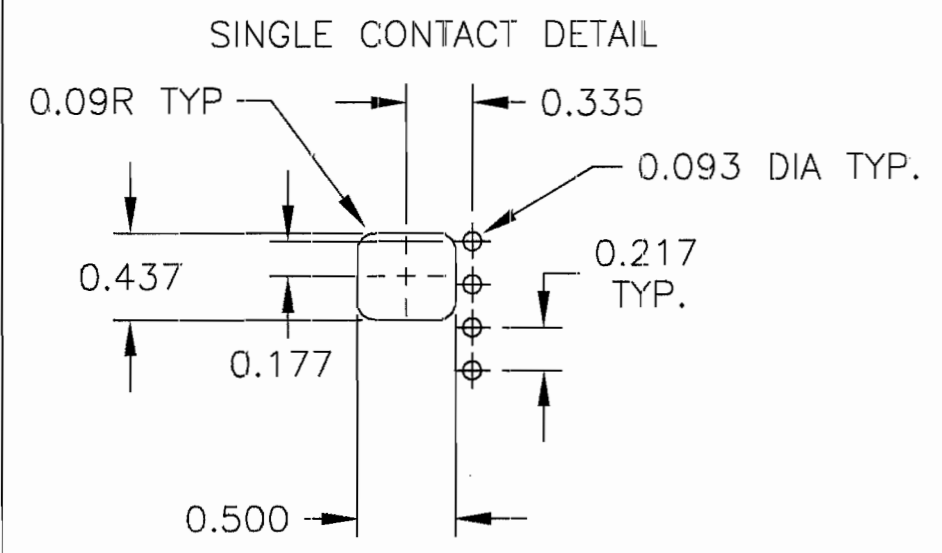
DATE	SYM	REVISION	DR	CK
3/26/98	A	DWG NOTES REVISED		
6/10/98	C	MISC CHANGES		
10/05/98	D	10oz SWITCH SPECIFIED.		
		0.050 MATERIAL SPECIFIED		



SWITCH SCHEMATIC  
COMMON SWITCH PATTERN TO BE USED FOR  
PANELS 81-01-0401 THRU 81-01-0404  
REFER TO DWG 05-03-0567 FOR PINOUTS



- NOTES:
- OVERLAY MATERIAL: 0.007 POLYESTER W/ SELECTIVE TEXT. NO EMBOSING. SEE ARTWORK DRAWING FOR COLORS AND GRAPHICS.
  - SWITCHING: 16 CONTACTS. TACTILE KEYPADS, -NICKEL PLATED DOMES. 10oz SWITCH DOMES.
  - SUB PANEL: 0.050 ALUMINUM WITH 5 PEM STUDS AS SHOWN WITH "P" MARKING. CUTOUTS AS SHOWN.  
 $\phi$  = 0.093 DIA. TEXTURED RED LENS TO COVER 0.125 DIA. CUTOUTS IN ALUM SUB PANEL (40 PLACES).  
 2.5 X 0.75 TEXTURED RED LENS TO COVER 2.7 X 1.0 CUTOUT IN ALUM SUB PANEL.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING BREAK SHARP EDGES .005 TO .015 ALL $\phi$ CONCENTRIC WITHIN .005 TIR		GLOBAL SPECIALTIES NEW HAVEN CT 06512	
DECIMALS .XX = .01 .XXX = .005	ANGLES 1° $\sqrt{32}$	SCALE	DRAWN BY
MATERIAL : SEE NOTE		TITLE FRONT PANEL, 20MHz FG	
FINISH : SEE NOTE		DATE 6/30/97	DRAWING NUMBER 81-01-0401

**RS232**

**POWER  
ON**

**OFF**

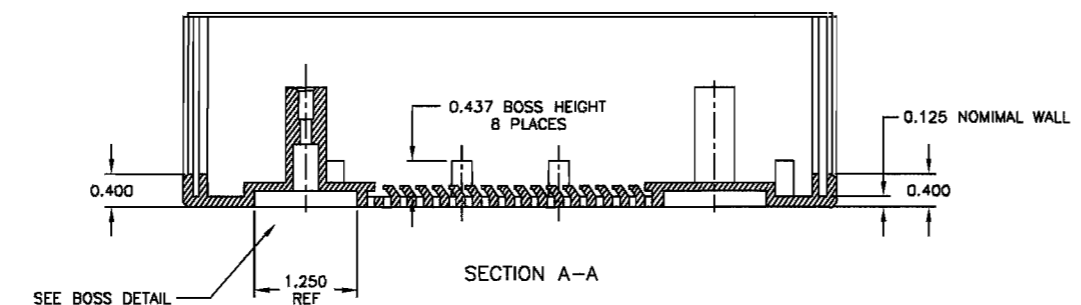
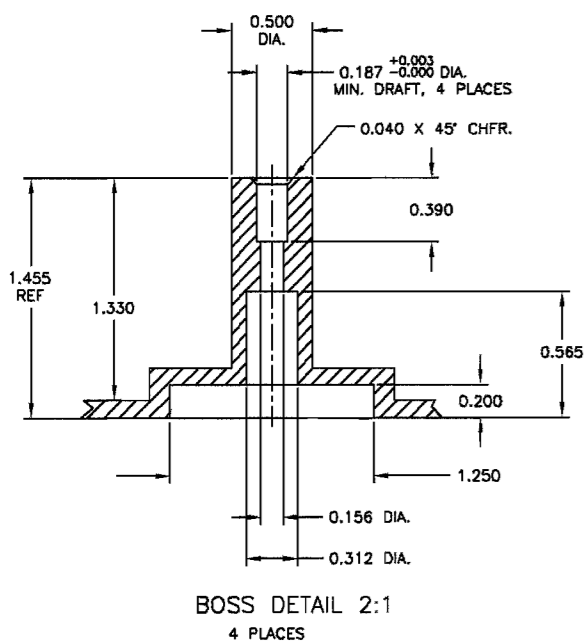
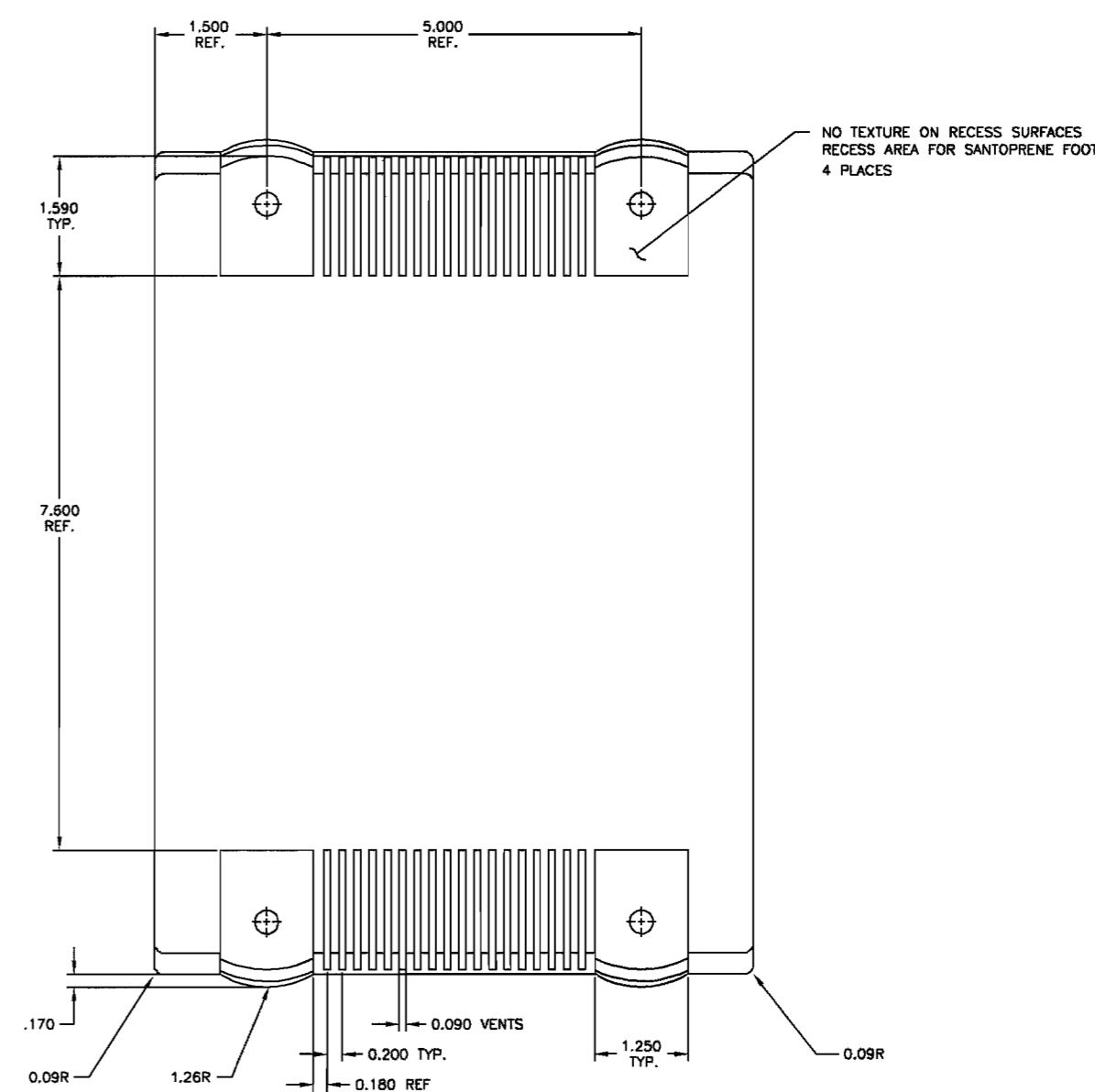
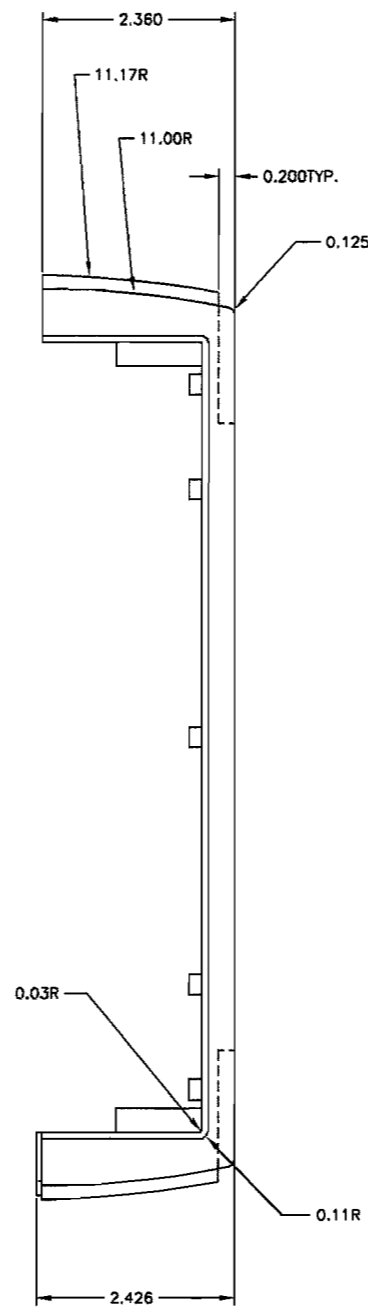
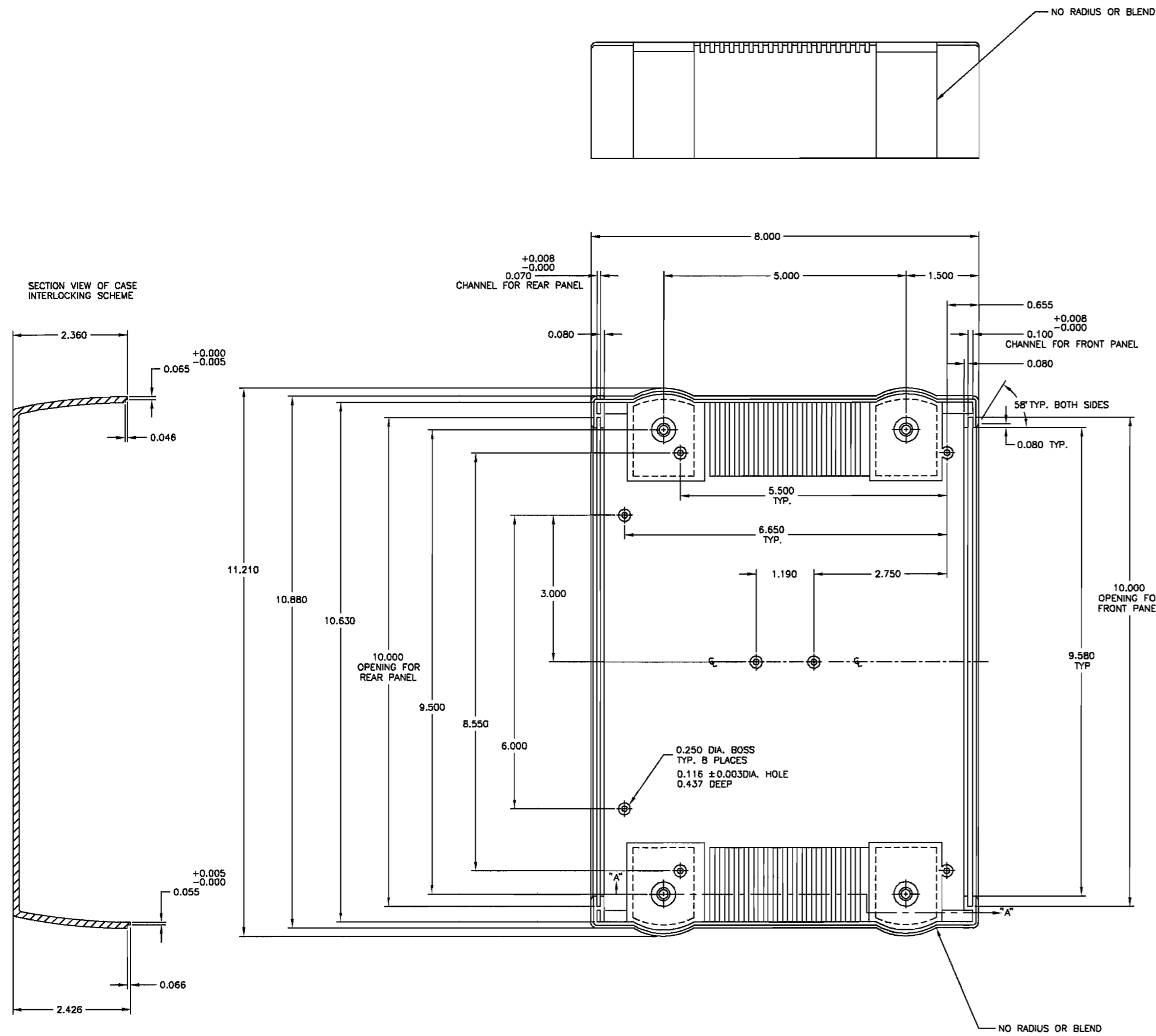
**GCV    TTL/10    TTL/100**

*GLOBAL SPECIALTIES*

*81-02-0409*

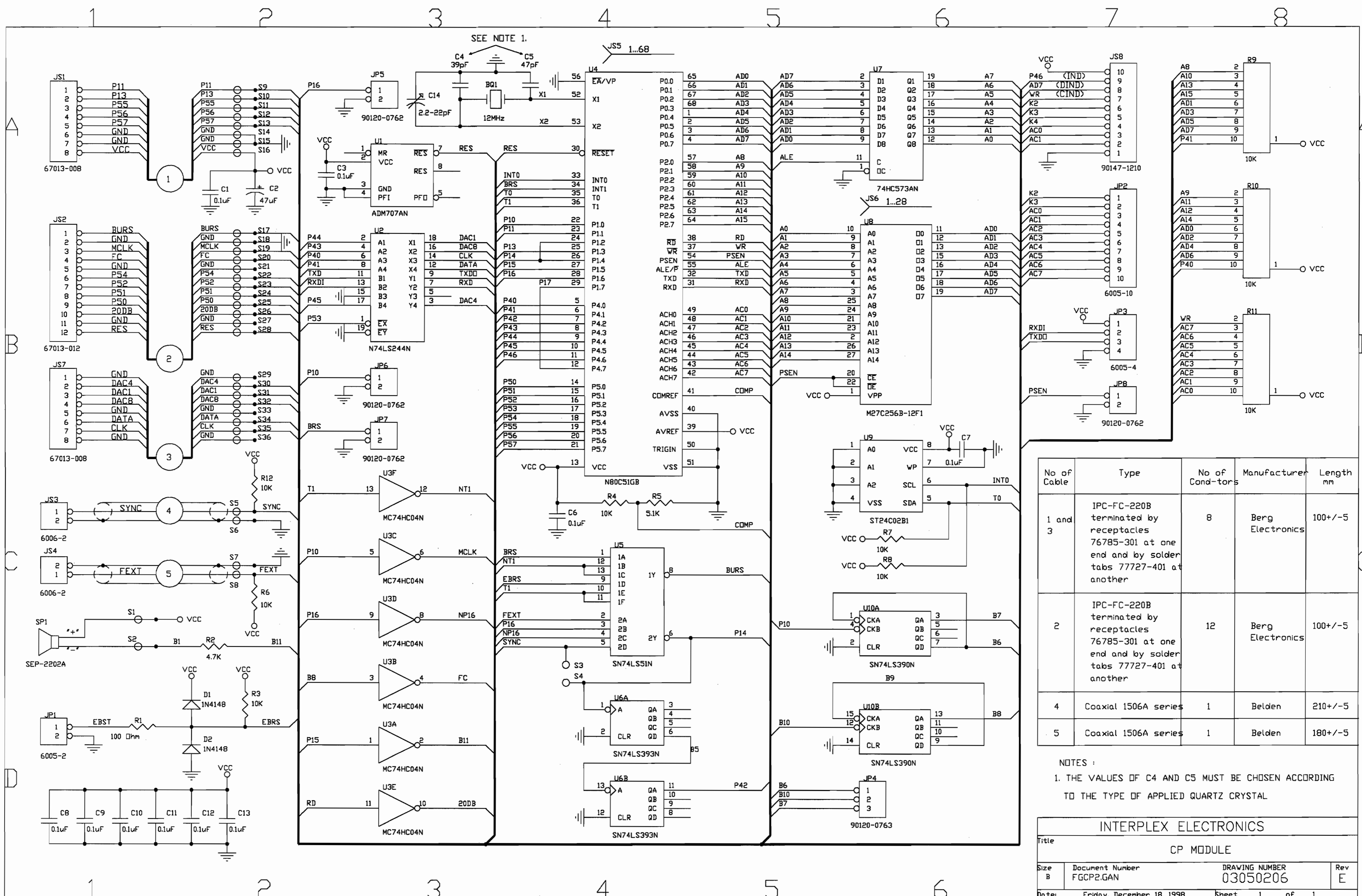
*9-10-98*

DATE	SYM	REVISION	AUTH	DR	CK



- NOTES:
1. MATERIAL: CYCOLAC KJB #CY8090. NOMINAL WALL THICKNESS 0.125.
  2. TEXTURE: MT1055

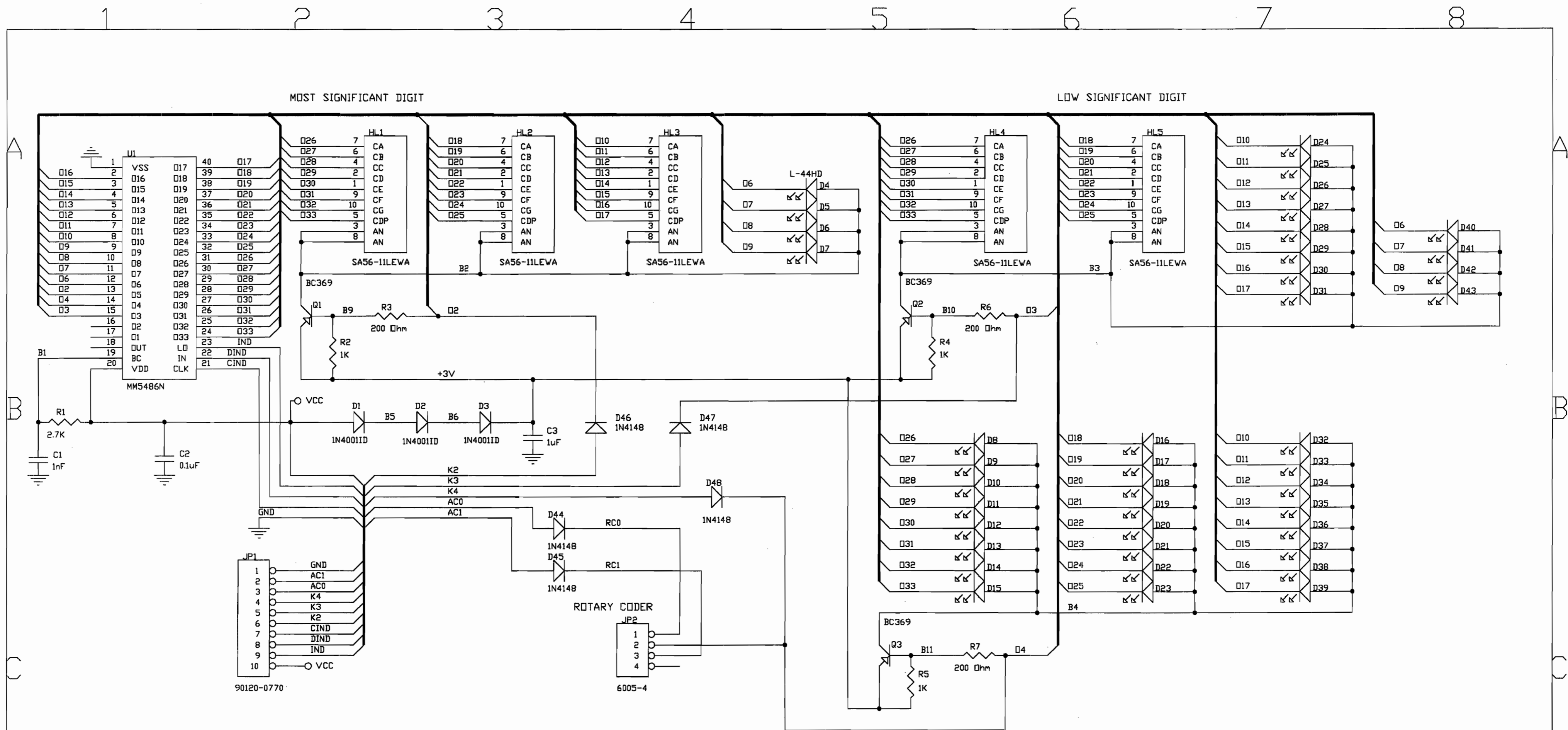
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING BREAK SHARP EDGES .005 TO .015 ALL Ø CONCENTRIC WITHIN .005 TIR		GLOBAL SPECIALTIES NEW HAVEN CT 06512	
DECIMALS X.XX ± .01 XXX ± .005	ANGLES √ 32	SCALE	DRAWN BY
MATERIAL: SEE NOTE		TITLE BENCHTOPPER III	
FINISH:		DATE 06/03/97	DRAWING NUMBER 94-03-0133



No of Cable	Type	No of Cond-tors	Manufacturer	Length mm
1 and 3	IPC-FC-220B terminated by receptacles 76785-301 at one end and by solder tabs 77727-401 at another	8	Berg Electronics	100+/-5
2	IPC-FC-220B terminated by receptacles 76785-301 at one end and by solder tabs 77727-401 at another	12	Berg Electronics	100+/-5
4	Coaxial 1506A series	1	Belden	210+/-5
5	Coaxial 1506A series	1	Belden	180+/-5

NOTES :  
 1. THE VALUES OF C4 AND C5 MUST BE CHOSEN ACCORDING TO THE TYPE OF APPLIED QUARTZ CRYSTAL



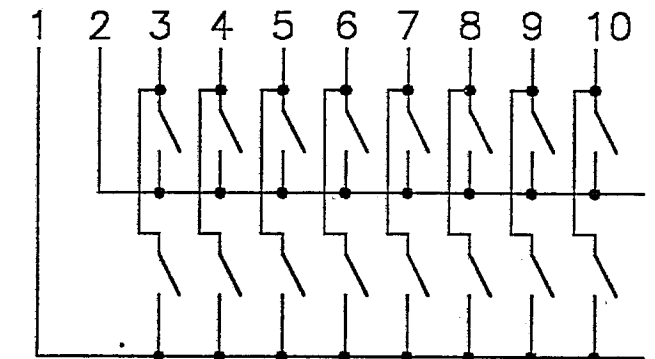
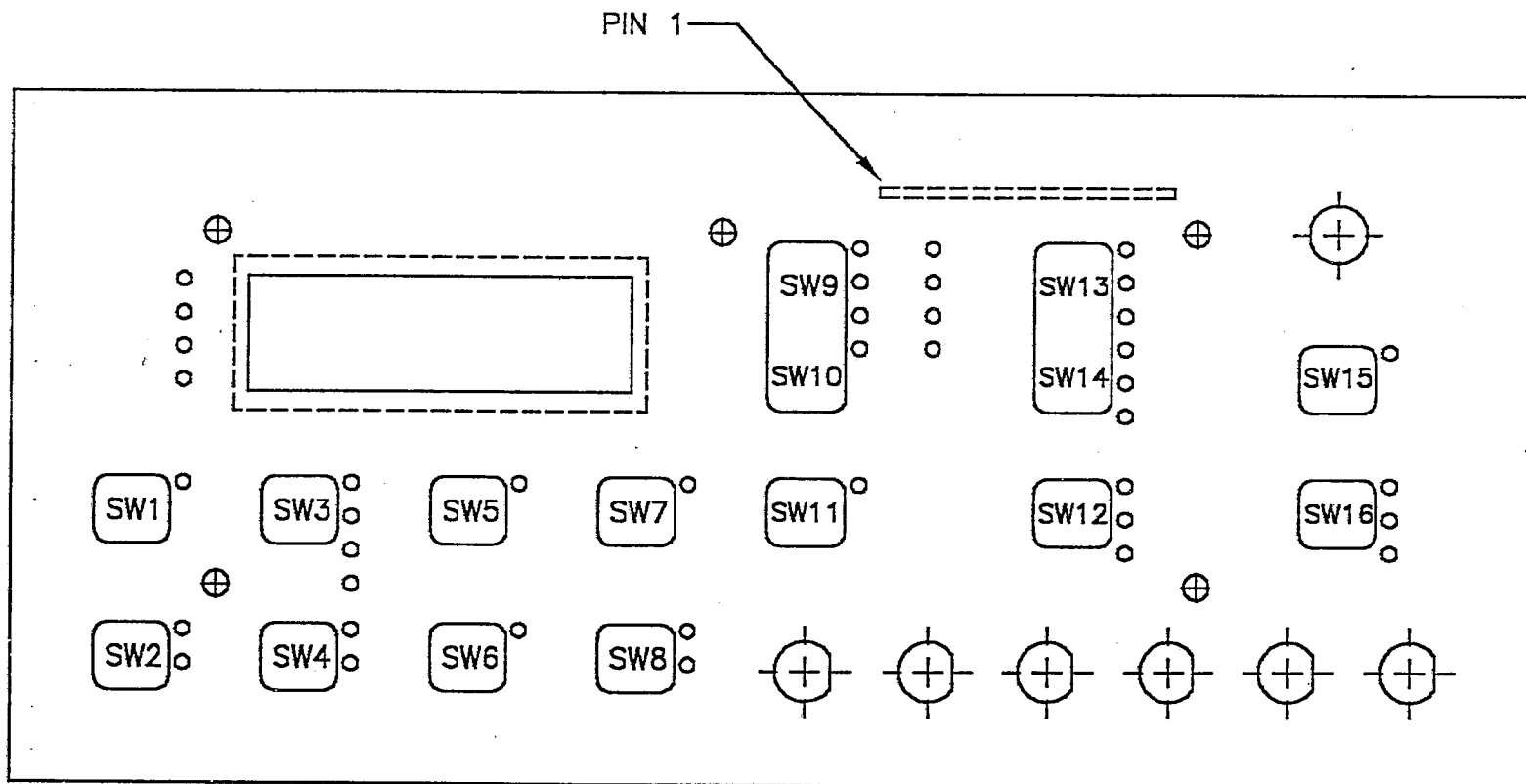


- D4 -"EXTURNAL"
- D5 -"PRESET"
- D6 -"AUTO+"
- D7 -"AUTO-"
- D8 -"MAN"
- D9 -"RUN"
- D10 -"ON"
- D11 -"TIME"
- D12 -"REPETITION RATE"
- D13 -"%"
- D14 -"START"
- D15 -"STOP"
- D16 -"%"
- D17 -"KHz"
- D18 -"Hz"
- D19 -"mS"
- D20 -"BURST"
- D21 -"FM"
- D22 -"AM"
- D23 -"VCG"
- D24 -"FREQUENCY"
- D25 -"OUTPUT LEVEL"
- D26 -"DUTY CYCLE"
- D27 -"DC OFFSET"
- D28 -"CMOS LEVEL"
- D29 -"EXT CNTR"
- D30 -"LOG"
- D31 -"LIN"
- D32 -"20MHz"
- D33 -"2MHz"
- D34 -"200KHz"
- D35 -"20KHz"
- D36 -"2KHz"
- D37 -"200Hz"
- D38 -"20Hz"
- D39 -"2Hz"
- D40 -"FINE"
- D41 -"~"
- D42 -"~"
- D43 -"u"

INTERPLEX ELECTRONICS			
Title FRONT PANEL			
Size	Document Number	DRAWING NUMBER	Rev
	IND.SCH	03-05-0207	E
Date:	Friday, December 18, 1998	Sheet	1 of 1

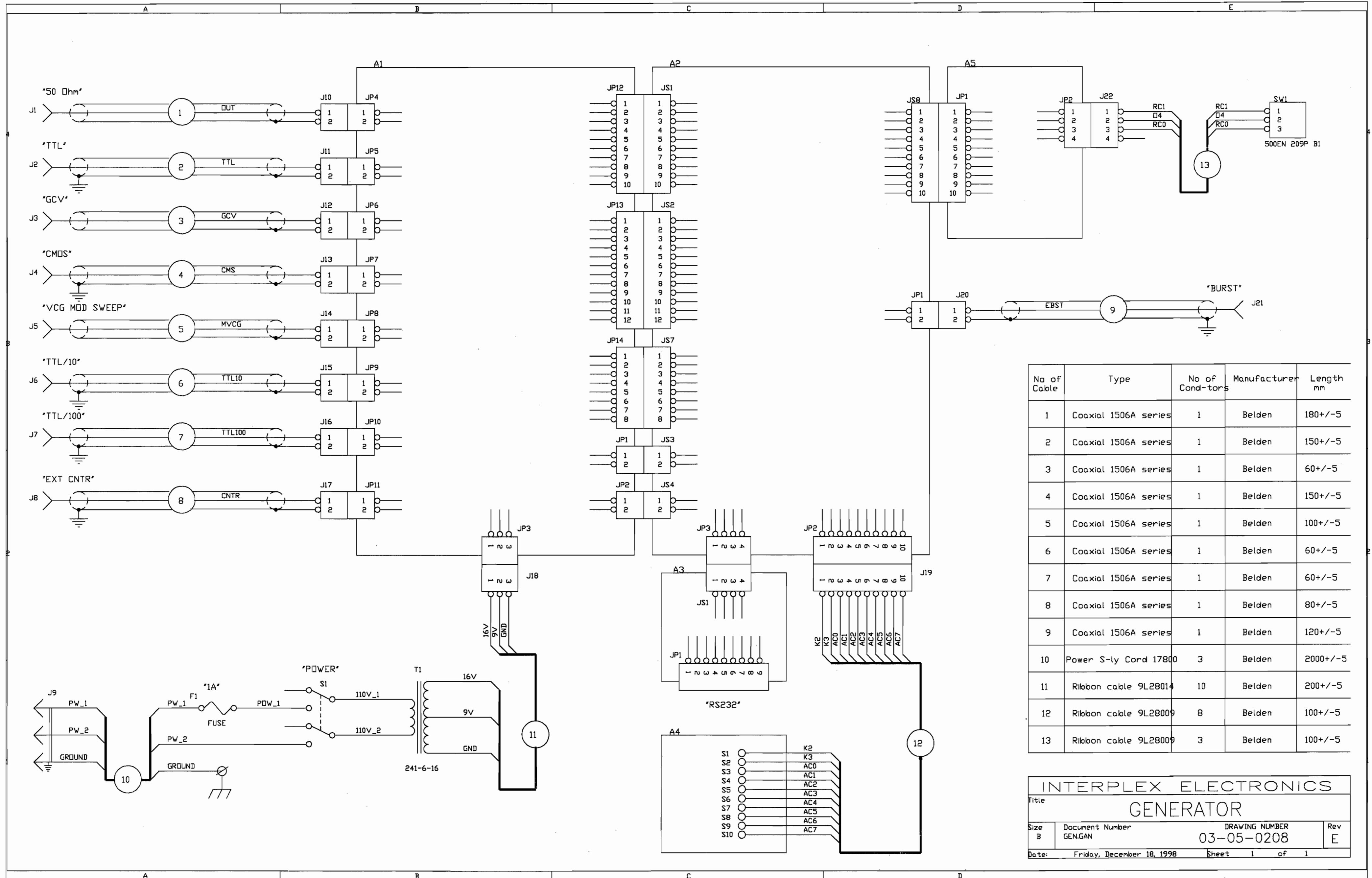
DATE	SYM	REVISION	AUTH	DR	CK

PIN	3	4	5	6	7	8	9	10
1	SW9	SW1	SW3	SW5	SW7	SW11	SW13	SW15
2	SW10	SW2	SW4	SW6	SW8	SW12	SW14	SW16



SWITCH SCHEMATIC  
COMMON SWITCH PATTERN TO BE USED FOR  
PANELS 81-01-0401 THRU 81-01-0404

<b>GLOBAL SPECIALTIES</b>	
NEW HAVEN CT 06512	
	SCALE    DRAWN BY
TITLE FRONT PANEL SWITCH PINOUT DWG	
DATE 08/24/98	DRAWING NUMBER 05-03-0567

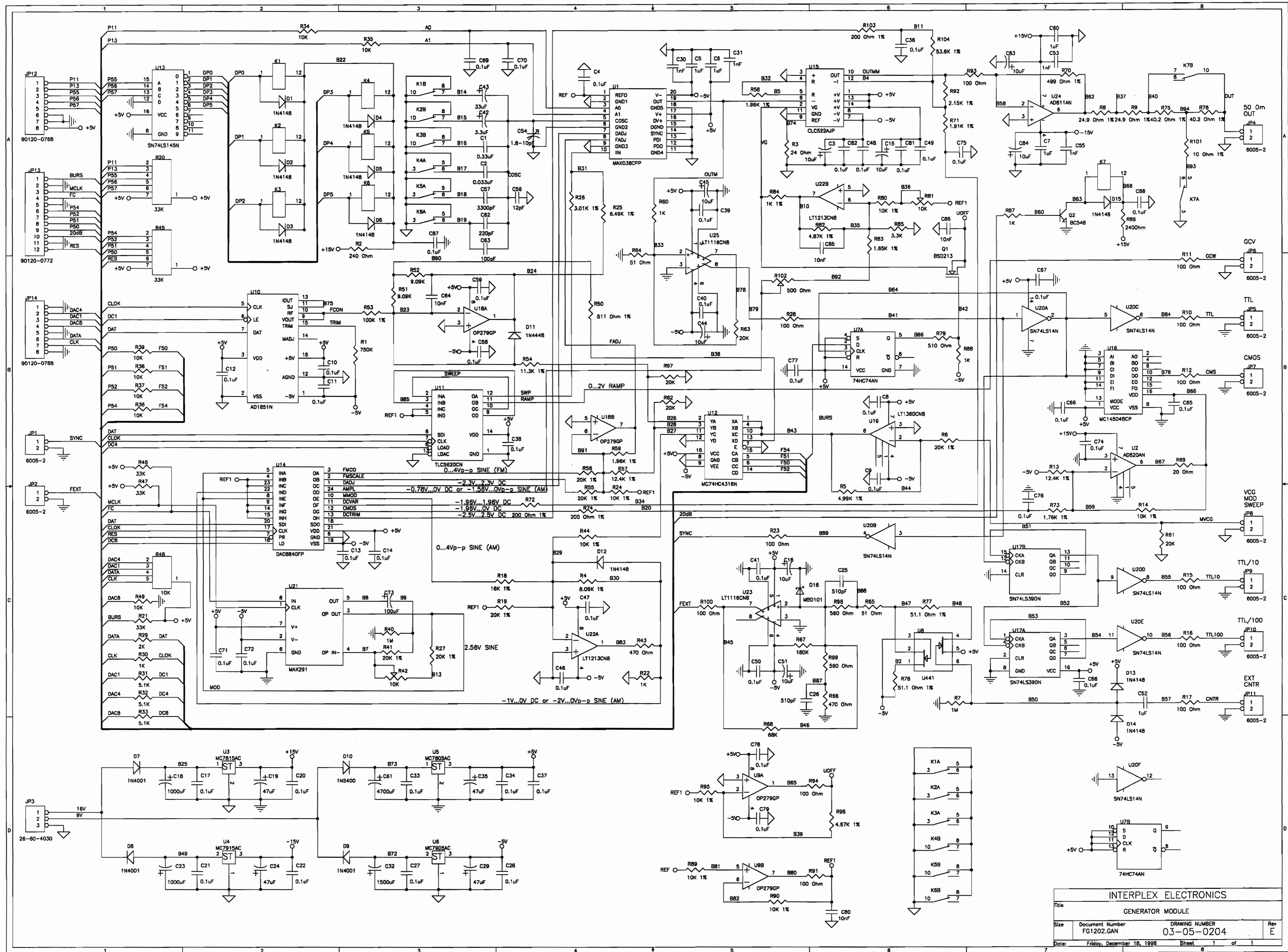


No of Cable	Type	No of Cond-tors	Manufacturer	Length mm
1	Coaxial 1506A series	1	Belden	180+/-5
2	Coaxial 1506A series	1	Belden	150+/-5
3	Coaxial 1506A series	1	Belden	60+/-5
4	Coaxial 1506A series	1	Belden	150+/-5
5	Coaxial 1506A series	1	Belden	100+/-5
6	Coaxial 1506A series	1	Belden	60+/-5
7	Coaxial 1506A series	1	Belden	60+/-5
8	Coaxial 1506A series	1	Belden	80+/-5
9	Coaxial 1506A series	1	Belden	120+/-5
10	Power S-ly Cord 17800	3	Belden	2000+/-5
11	Ribbon cable 9L28014	10	Belden	200+/-5
12	Ribbon cable 9L28009	8	Belden	100+/-5
13	Ribbon cable 9L28009	3	Belden	100+/-5

**INTERPLEX ELECTRONICS**

Title  
**GENERATOR**

Size B	Document Number GENGAN	DRAWING NUMBER 03-05-0208	Rev E
Date: Friday, December 18, 1998		Sheet 1 of 1	



July 8, 1998

P.O. Box 8028, 311 Winton Street  
Wausau, WI 54402-8028  
Fax 715 845-1681  
Tel 715 845-9221

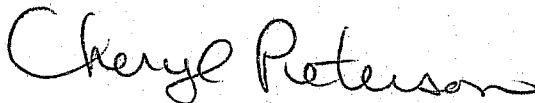
Mr. Bill McDonough  
Interplex Electronics, Inc.  
70 Fulton Terrace  
New Haven, CT 06512

SUBJECT: SWEEP FUNCTION GENERATOR - OVERLAYS

Dear Bob,

Enclosed is the pinout drawing of the subject part. It was requested by Garry Higgins. Please call if you have any questions or need additional information.

Best regards,

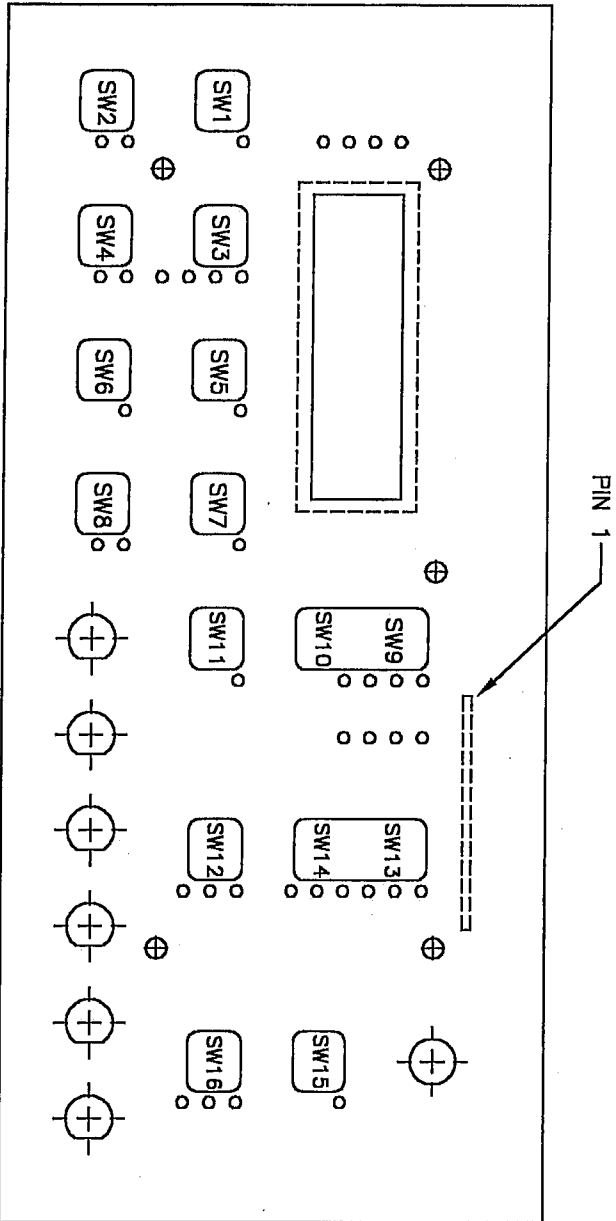


Cheryl L. Peterson  
Account Representative

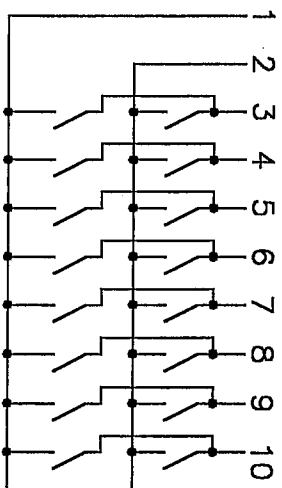
Enc.

cc: Garry Higgins

PIN	3	4	5	6	7	8	9	10
1	SW9	SW1	SW3	SW5	SW7	SW11	SW13	SW15
2	SW10	SW2	SW4	SW6	SW8	SW12	SW14	SW16



DATE	SYM	REVISION	AUTH	DR	CK



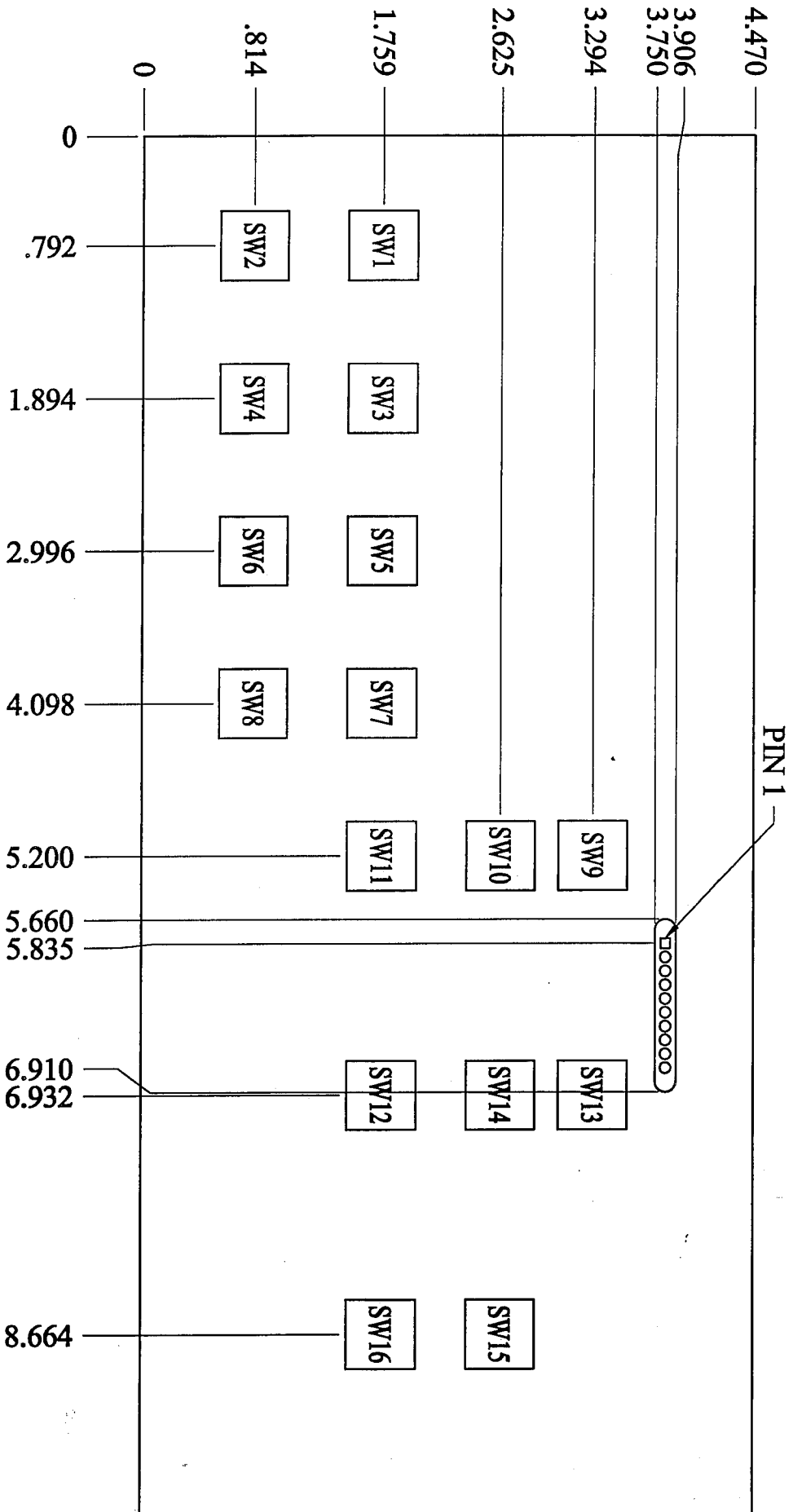
SWITCH SCHEMATIC  
COMMON SWITCH PATTERN TO BE USED FOR  
PANELS 81-01-0401 THRU 81-01-0404

**GLOBAL SPECIALTIES**  
NEW HAVEN CT 06518

TITLE  
FRONT PANEL SWITCH PINOUT DWG  
SCALE  
DRAWN BY

DATE 08/24/98  
DRAWING NUMBER 05-03-0567

PIN	3	4	5	6	7	8	9	10
1	SW9	SW1	SW3	SW5	SW7	SW11	SW13	SW15
2	SW10	SW2	SW4	SW6	SW8	SW12	SW14	SW16



**WILSON·HURD**®

THIS DOCUMENT CONTAINS PROPRIETARY AND CONFIDENTIAL INFORMATION AND IS EXCLUSIVE PROPERTY OF WILSON-HURD THEREFOR NEITHER THE DRAWING NOR ITS CONTENTS ARE TO BE USED, REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART WITHOUT PRIOR CONSENT FROM WILSON-HURD. AND THIS DRAWING AND ALL COPIES OF IT SHALL BE RETURNED TO WILSON-HURD UPON DEMAND.

UNLESS OTHERWISE NOTED  
ALL DIMENSIONS IN INCHES  
TOLERANCES:  
DECIMAL  
XX +/- .01  
XXX +/- .005  
ANGLES (AS SPECIFIED)

SIZE  
**A**

WILSON-HURD PART NO.  
**PINOUT**

INTERPLEX

SCALE: NONE

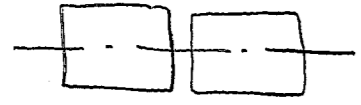
SHEET REV: A

FILE NAME: CKT

SHEET

FUNC GEN

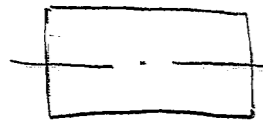
85-01-0004



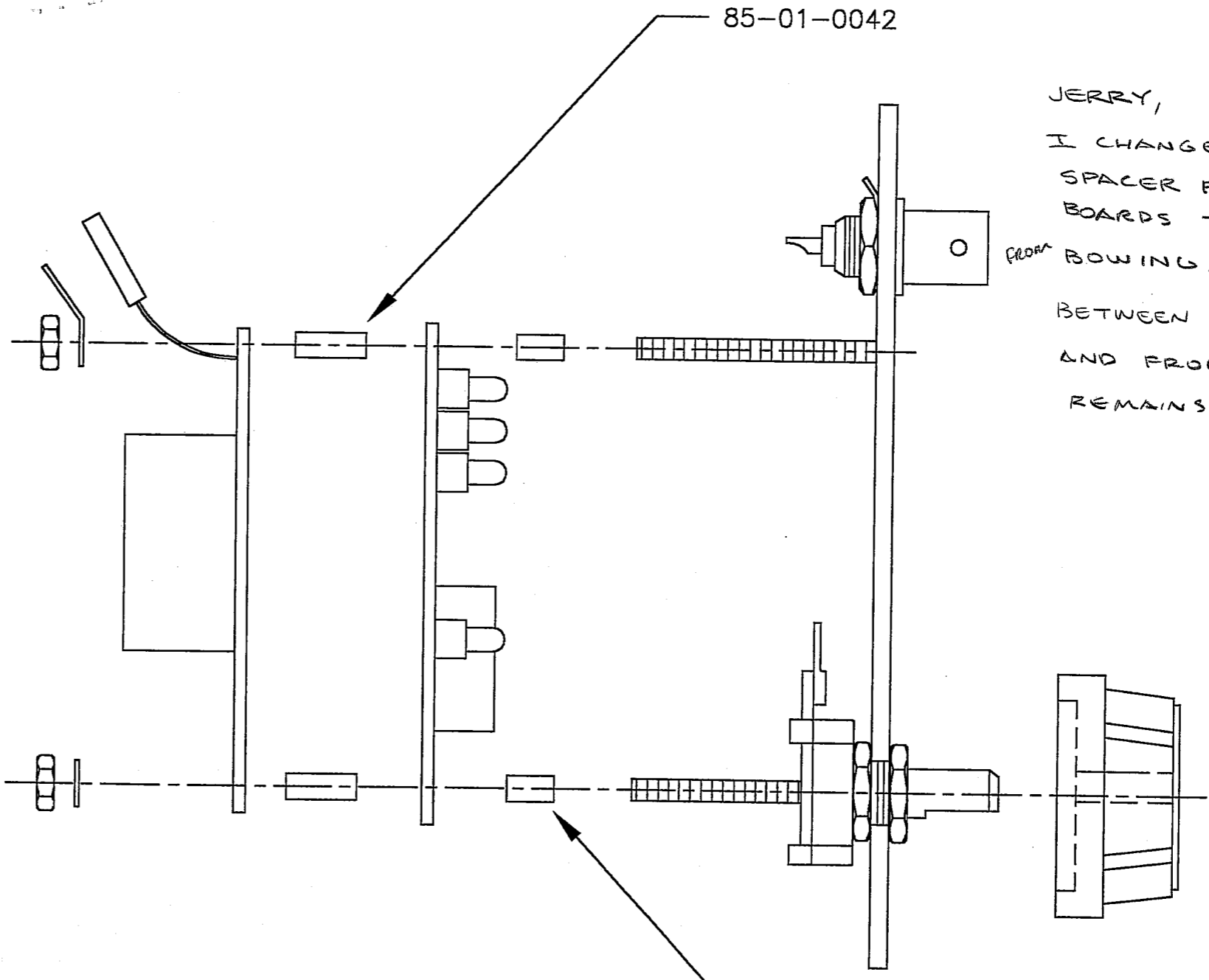
.187

85-01-0042

.375



1-27-99



85-01-0042

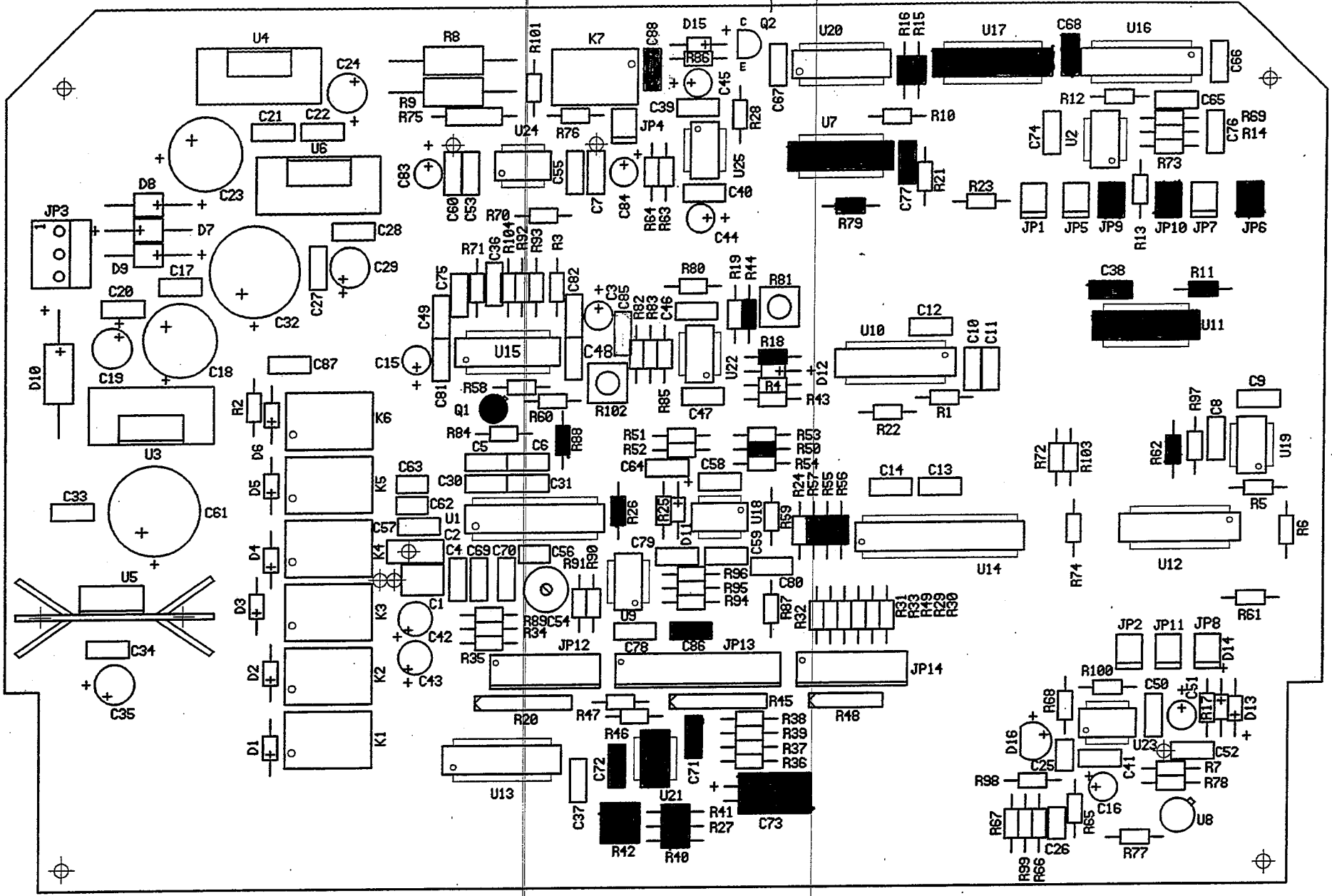
JERRY,  
I CHANGED THE  
SPACER BETWEEN  
BOARDS TO PREVENT THEM  
FROM BOWING. THE SPACER  
BETWEEN THE BOARD  
AND FRONT PANEL  
REMAINS THE SAME.

~~85-01-0004~~  
86-10-0061

0573  
581  
582

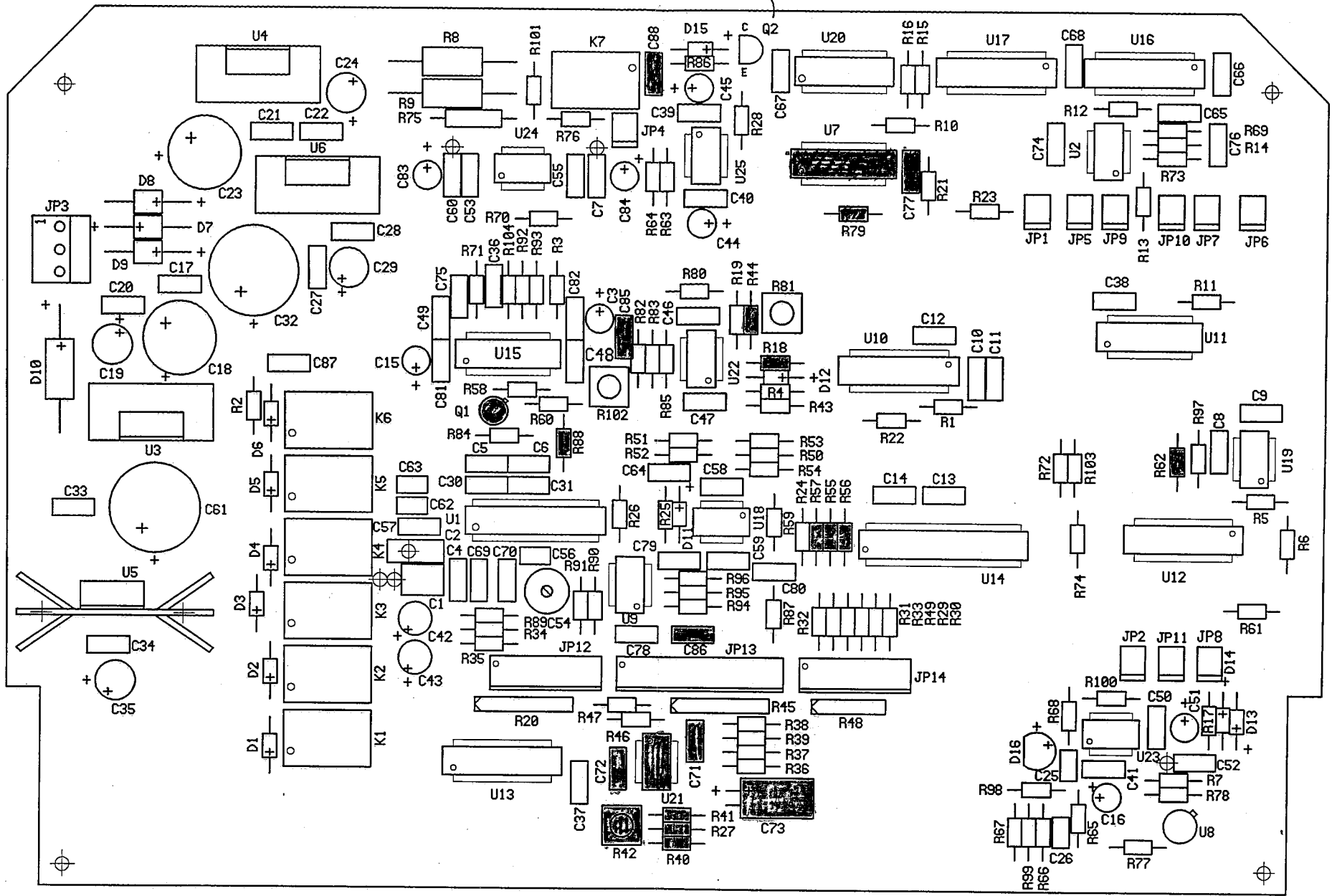


IS 2N4401



2 MHz MMIC 7/3/03

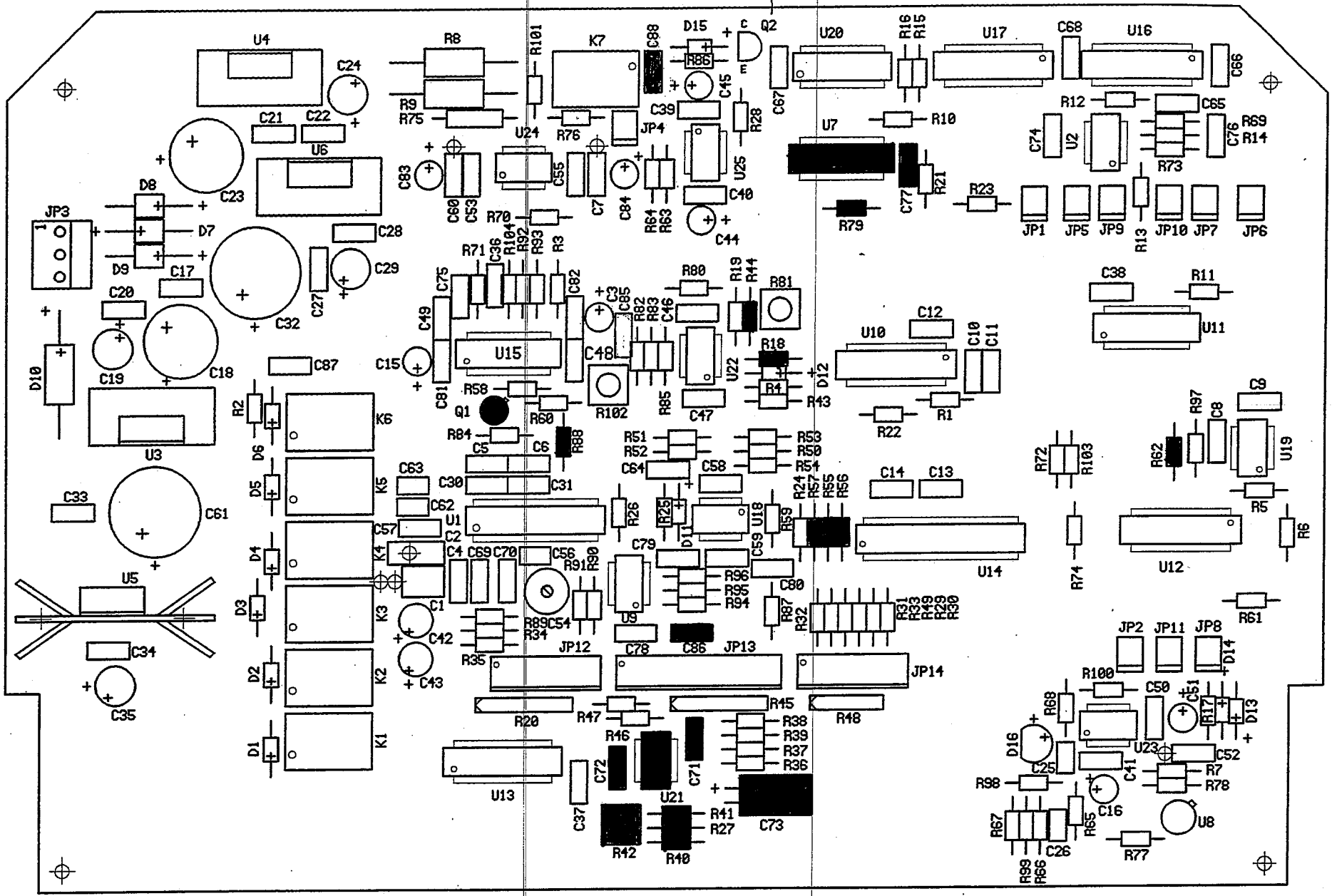
MOUNT THIS WAY IF Q2  
IS 2N4401



5410

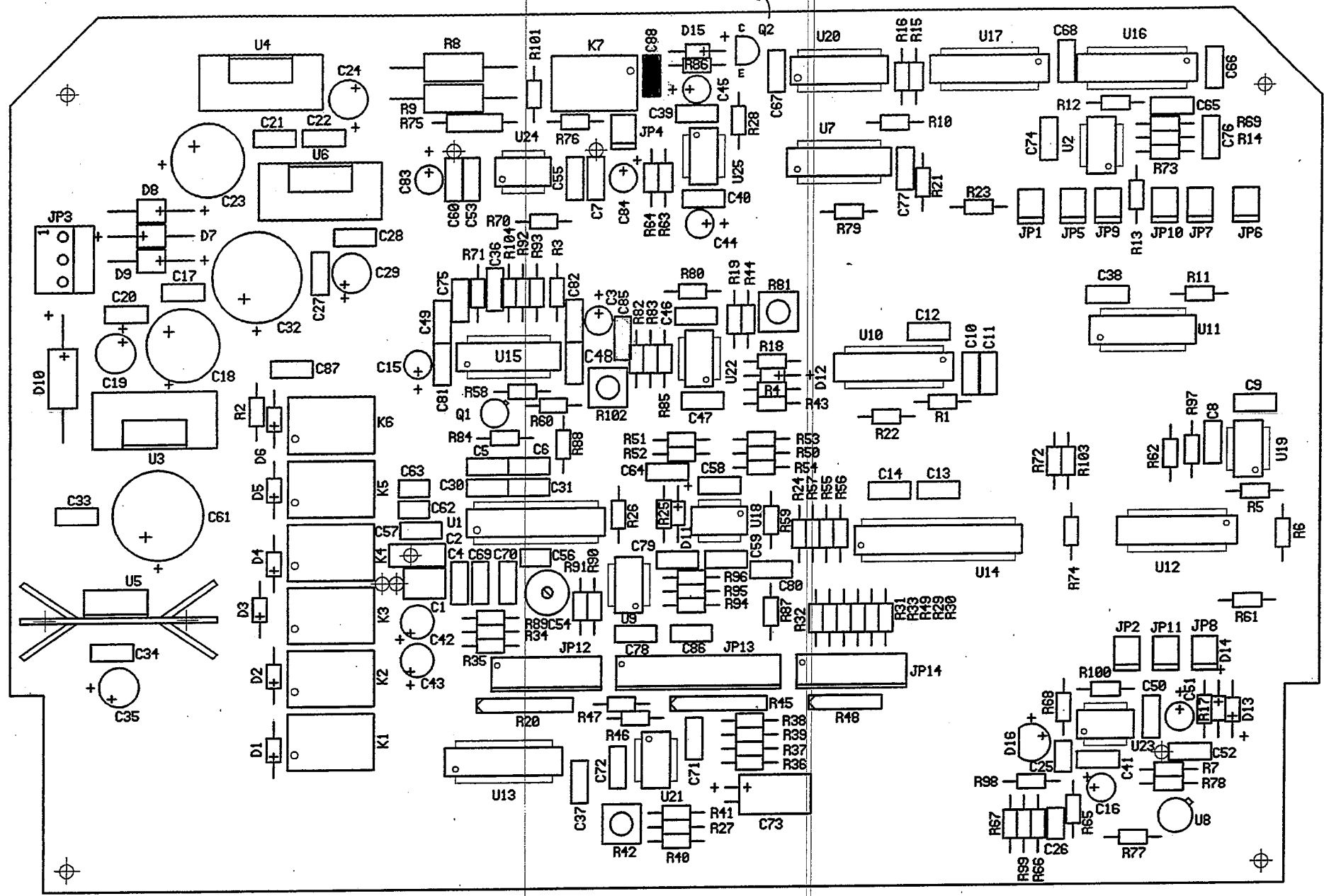
MHz

MOUNT 1715  
IS 2N4401



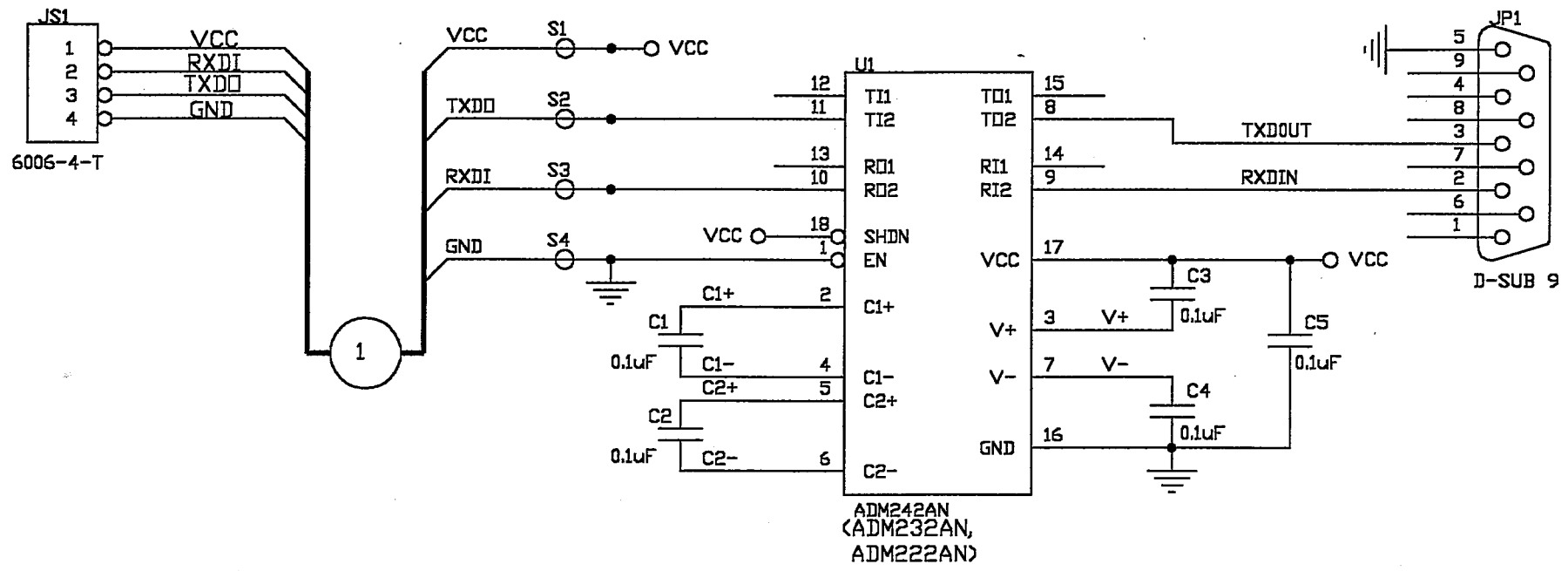
5910 MHz MRM 7/3/03

IS 2N4401



ZOMHL MRM 7/3/03

DATE	SYM	REVISION	AUTH	DR	CK
02/16/99	E	REL. TO INTERPLEX	NP	RM	



No of Cable	Type	No of Cond-tors	Manufacturer	Length mm
1	Ribbon cable 9L28009	4	Belden	220+/-5

**INTERPLEX ELECTRONICS**  
NEW HAVEN CT 06512

RS232.GAN FG_RS232		SCALE	DRAWN BY
TITLE <b>FUNCTION GENERATOR RS232 BOARD</b>			
DATE 12/18/98	DRAWING NUMBER 03-05-0205		