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NOTICE
FREEDOM OF INFORMATION ACT (5 USC 552) AND
DISCLOSURE OF CONFIDENTIAL INFORMATION GENERALLY
(18 USC 1905)
THIS DOCUMENT IS BEING FURNISHED IN CONFIDENCE BY HONEYWELL INC. THE INFORMATION DISCLOSED HEREIN FALLS WITHIN EXEMPTION (b) (4) OF 5 USC 552 AND THE PROHIBITIONS OF 18 USC 1905.

NOTES:

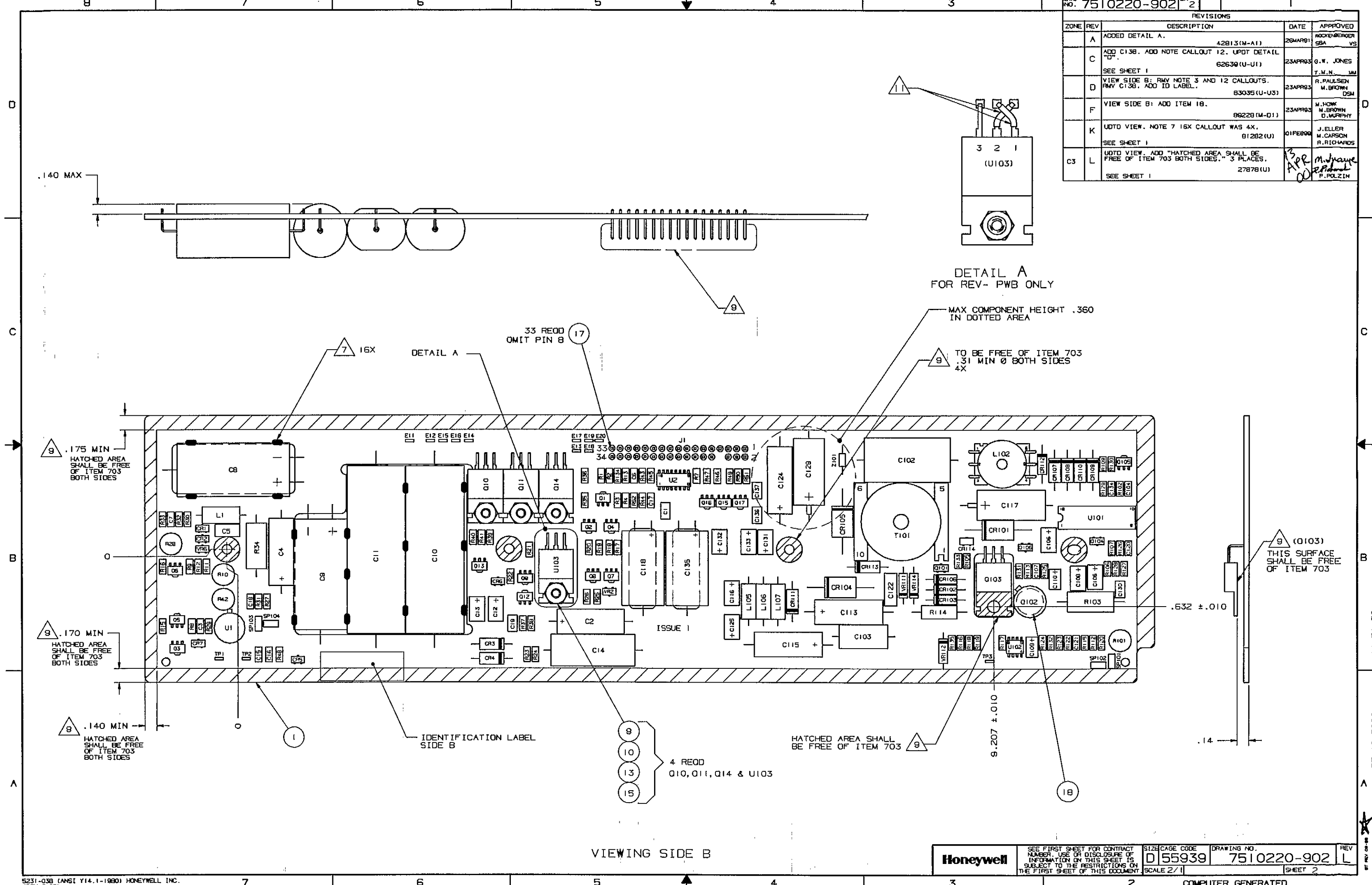
- SOME COMPONENTS ARE SHOWN OVERSIZED TO PROVIDE SPACE FOR REFERENCE DESIGNATORS.
- ASSEMBLE AND SOLDER PER ITEM 705.
-  THIS ASSEMBLY INCLUDES COMPONENTS WHICH ARE SUBJECT TO DAMAGE BY ELECTROSTATIC CHARGES; THEREFORE, ALL COMPONENTS SHALL BE HANDLED IN ACCORDANCE WITH GUIDELINES FOR ELECTROSTATIC DISCHARGE CONTROL.
- MAXIMUM COMPONENT HEIGHT: .465, UNLESS OTHERWISE SPECIFIED.
- COMPONENT LEAD PROTRUSION SHALL BE .060 MAXIMUM: BARE COPPER PERMISSIBLE ON COMPONENT LEADS AT TRIMMED SURFACES.
-  SECURE C8 THRU C11, C2, C4, C14, C102, C103, C113, C115, C117, C118, C124, C129, AND C135 TO ITEM 1 USING ITEM 701.
-  COAT BOTH SIDES OF ASSEMBLY WITH ITEM 703 MASK ALL E'S, ADJUSTMENT SCREWS OF VARIABLE COMPONENTS, Q103 AS NOTED, HATCHED AREAS NOTED AND ITEM 17 .06 MAX FROM TOP OF ITEM 1.
- BEFORE CLEANING C8, C9, C118 AND C135 REFER TO PART DRAWING FOR ACCEPTABLE CLEANING SOLVENTS.
-  SLEEVE WITH ITEM 706.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		INITIAL RELEASE	6JUL90	L. BURNETT
A		ADDED NOTE 11. SH IDX REV. PL AFFECTED. 42813(M-A1)	26MAY90	ROCKENBERGER VS
B		SH IDX REV. PL AFFECTED. 62862(M) AFFECTS PARTS IN HOUSE, IN STOCK, AND ON ORDER.	7DEC92	G.W. JONES S. HEUNG DA
C		NOTES: ADD NOTE 12. SH IDX REV. PL AFFECTED. 62639(U) USE ALL PARTS IN HOUSE, IN STOCK AND CURRENTLY ON ORDER (EFFECTIVITY IS NEXT BUY).	23APR93	G.W. JONES T.M.N. MM
D		NOTES: RMV NOTES 3 AND 12. SH IDX REV. PL AFFECTED. 83035(U-U3)	2FEB95	R. PAULSEN 02/01/95 MB DSN
E		SH IDX REV. PL AFFECTED. 88214(M-D3)	13JUL95	M. HOKK MB M. MOREAU
F		SH IDX REV. PL AFFECTED. 88228(M-D1)	13JUL95	M. HOKK MB D. MURPHY
G		SH IDX REV. PL AFFECTED. 91860(U) USE ALL PARTS IN HOUSE, IN STOCK AND CURRENTLY ON ORDER (EFFECTIVITY IS NEXT BUY).	12OCT95	M. HOKK M. BROWN R. RICHARDS
H		SH IDX REV. PL AFFECTED. 92987(U) USE ALL PARTS IN-HOUSE, IN STOCK AND CURRENTLY ON ORDER (EFFECTIVITY IS NEXT BUY).	18MAR96	M. HOKK M. BROWN G. DYE
J		NOTES: RMV NOTE 8. SH IDX REV. PL NOT AFFECTED. 98494(U) USE ALL PARTS IN-HOUSE, IN STOCK AND CURRENTLY ON ORDER (EFFECTIVITY IS NEXT BUY).	14JUL98	M. HOKK R. RICHARDS C. FLORENCE
K		NOTES: NOTE 7 WAS "SECURE---C11---TO---701. SH IDX REV. PL NOT AFFECTED. 81282(U) USE ALL PARTS IN HOUSE AND IN STOCK (EFFECTIVITY IS ALL OPEN P.O.'S).	01FEB99	J. ELLER M. CARSON R. RICHARDS
L		NOTES: NOTE 5 WAS MAXIMUM COMPONENT HEIGHT: SEE SHEET 3. SH IDX REV. PL NOT AFFECTED. 27879(U) USE ALL PARTS IN-HOUSE, IN STOCK AND CURRENTLY ON ORDER (EFFECTIVITY IS NEXT BUY).	13 APR 00	M. Anaya P. Polzin

REV STATUS OF PARTS LIST SHALL BE SAME AS BASIC DRAWING NUMBER SEE SEPARATE PARTS LIST

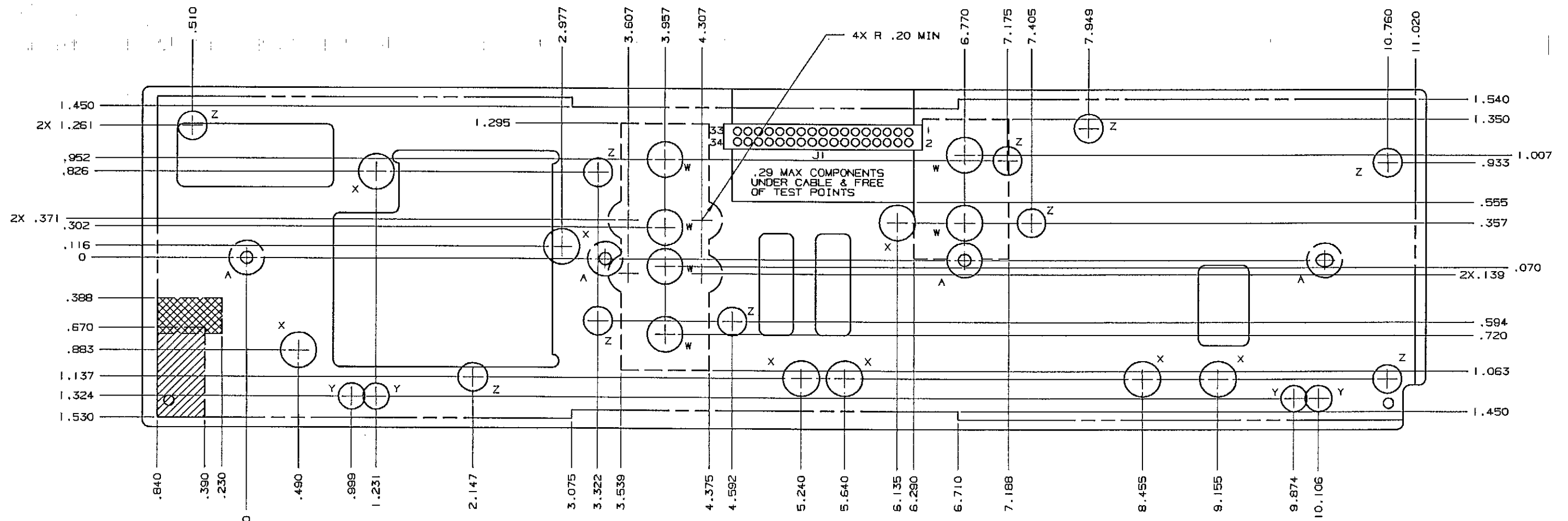
APPLICATION		7510184		7510100		NEXT ASSY		USED ON (SYS)	
FOR HONEYWELL REFERENCE		MFG REF NO.		DPA NO. R-1332		PRODUCT LINE NO. 3884		AW/PS ANALYSIS EB 7510800	
REF DWG		REF SPEC		PROCESS		FINISH		MATERIAL	
INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: TOLERANCES: ANGLES ± 1°		2 PL DEC ± .01		3 PL DEC ± .005		ITEM CODE (PER 88698384)	
MATERIAL		MILITARY DESIGNATION		PROCESS, FINISH, SEE 00.40.		THIRD ANGLE PROJECTION		DWG CLASS A	
FIRST USED ON 7510100		DATE 11 JUN 90		APVD FOR ENGRG T. EUROPA		DATE 11 JUN 90		APVD FOR ENGRG ROCKENBERGER	
DATE 11 JUN 90		APVD FOR		DATE		APVD FOR		DATE	
CONTRACT DM-850		DRAWN BY V. SZWEZ		DATE 11 JUN 90		DESIGNED BY		DATE	
CHECKED BY S. ARNTZ		DATE 11 JUN 90		APVD FOR MFG P. BESSER		DATE 11 JUN 90		APVD FOR QE	
APVD FOR ENGRG T. EUROPA		DATE 11 JUN 90		APVD FOR ENGRG ROCKENBERGER		DATE 11 JUN 90		APVD FOR	
DATE		DATE		DATE		DATE		DATE	
TITLE		Honeywell		COMMERCIAL FLIGHT SYSTEMS GROUP PHOENIX, ARIZONA		CIRCUIT CARD ASSEMBLY-DME MOD P/S		DRAWING NO. 7510220-902	
SIZE/CAGE CODE D155939		DRAWING NO. 7510220-902		REV L		SCALE		UNIT WT	
SHEET 1 OF 5		COMPUTER GENERATED							

DWG NO. 7510220-902		SH 2	1		
REVISIONS					
ZONE	REV	DESCRIPTION	DATE	APPROVED	
	A	ADDED DETAIL A. 42813(M-A1)	26MAR81	ROCKENBERGER SEA	VS
	C	ADD C138. ADD NOTE CALLOUT 12. UPDT DETAIL "D". 62639(U-U1)	23APR83	G.W. JONES T.W.N.	MM
	D	VIEW SIDE B: RMY NOTE 3 AND 12 CALLOUTS. RMY C138. ADD ID LABEL. 63035(U-U3)	23APR83	R. PAULSEN M. BROWN	DSM
	F	VIEW SIDE B: ADD ITEM 18. 89228(M-D1)	23APR83	M. HOWE M. BROWN D. MURPHY	
	K	UOTO VIEW. NOTE 7 16X CALLOUT WAS 4X. 81282(U)	01FEB89	J. ELLER M. CARSON R. RICHARDS	
C3	L	UOTO VIEW. ADD "HATCHED AREA SHALL BE FREE OF ITEM 703 BOTH SIDES." 3 PLACES. 27878(U)	13 APR 89	M. J. HAYE R. RICHARDS P. POLZIN	
		SEE SHEET 1			



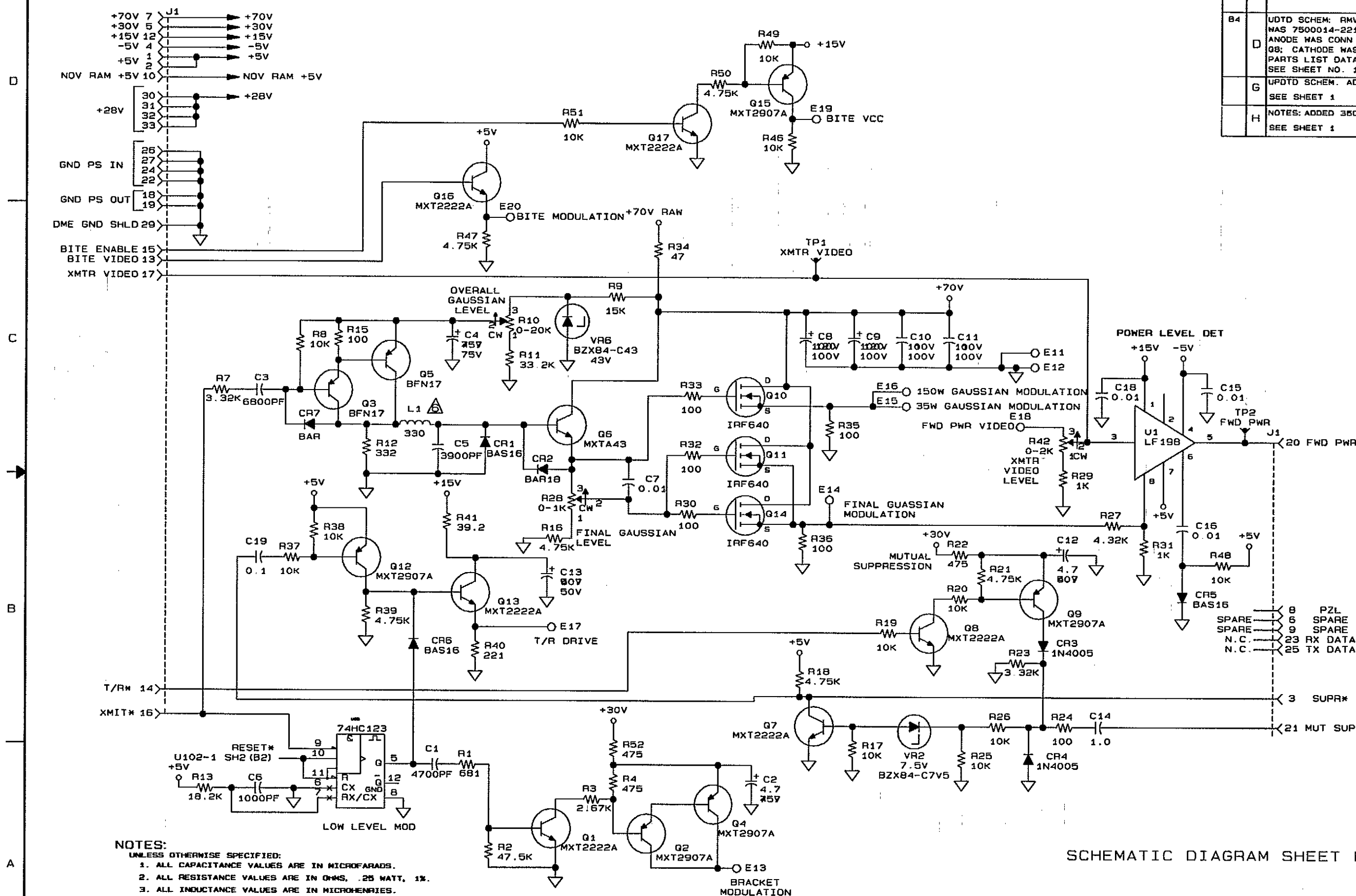
MAXIMUM COMPONENT HEIGHT

	SIZE	NONCONDUCTIVE OR GROUNDED CASE	CONDUCTIVE CASE
Ø MARKED W	Ø .273 MIN	.360	.310
Ø MARKED X	Ø .217 MIN	.094	.044
Ø MARKED X	Ø .325 MIN	.320	.270
Ø MARKED X	Ø .404 MIN	.370	.320
Ø MARKED Y	Ø .250 MIN	.390	.340
Ø MARKED Z	Ø .273 MIN	.420	.370
UNMARKED AREAS		.465	.415
HATCHED AREA		.360	
AREAS ENCLOSED IN DOTTED LINES ON SIDE B		.380	.330
CROSS HATCHED AREA & Ø .380 MIN MARKED A		FREE OF COMPONENTS	
FROM PHOTOM LINES TO EDGE OF PWB:		SIDE B SHALL BE FREE OF COMPONENTS AND FEED THRU	SIDE A SHALL BE FREE OF COMPONENT LEADS, COMPONENTS AND FEED THRU



VIEWING SIDE B
FOR DESIGN REFERENCE ONLY

DWG NO. 7510220-902		REV	DESCRIPTION	DATE	APPROVED
		REVISIONS			
ZONE	REV	DESCRIPTION			DATE
C		UPD TO SCHEM. ADDED C138. 82639 (U) SEE SHEET 1			23 APR 93
B4		UDTD SCHEM. RMV REF DES C138; PN WAS 7500014-221. VAL WAS 220PF; ANODE WAS CONN TO REF DES R20 AND Q8; CATHODE WAS CONN TO GND ALSO. PARTS LIST DATA BASE CHANGE. SEE SHEET NO. 1 83035 (U)			2 FEB 95
G		UPD TO SCHEM. ADDED NOTE 6. 91980 (U) SEE SHEET 1			12 OCT 95
H		NOTES: ADDED 360 TO NOTE 6. 92897 (U) SEE SHEET 1			18 JAN 96
				GEORGE JONES T8N	PEC
				N. HONK M. BROWN R. RICHARDS	



- NOTES:**
 UNLESS OTHERWISE SPECIFIED:
 1. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
 2. ALL RESISTANCE VALUES ARE IN OHMS, .25 WATT, 1%.
 3. ALL INDUCTANCE VALUES ARE IN MICROHENRIES.
 4. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR COMPLETE DESIGNATIONS PREFIX PART DESIGNATION WITH SUBASSEMBLY DESIGNATION.
 5. INTERPRET DRAWING PER ANSI Y32.2-1975 AND ANSI/IEEE STD 901-1986. LOGIC SYMBOLS CONFORM TO ANSI/IEEE STD 91-1984.
 6. SELECT AT TEST. L1 VALUE MAY BE 330, 360 or 390.

SCHEMATIC DIAGRAM SHEET NO. 1 OF 2

