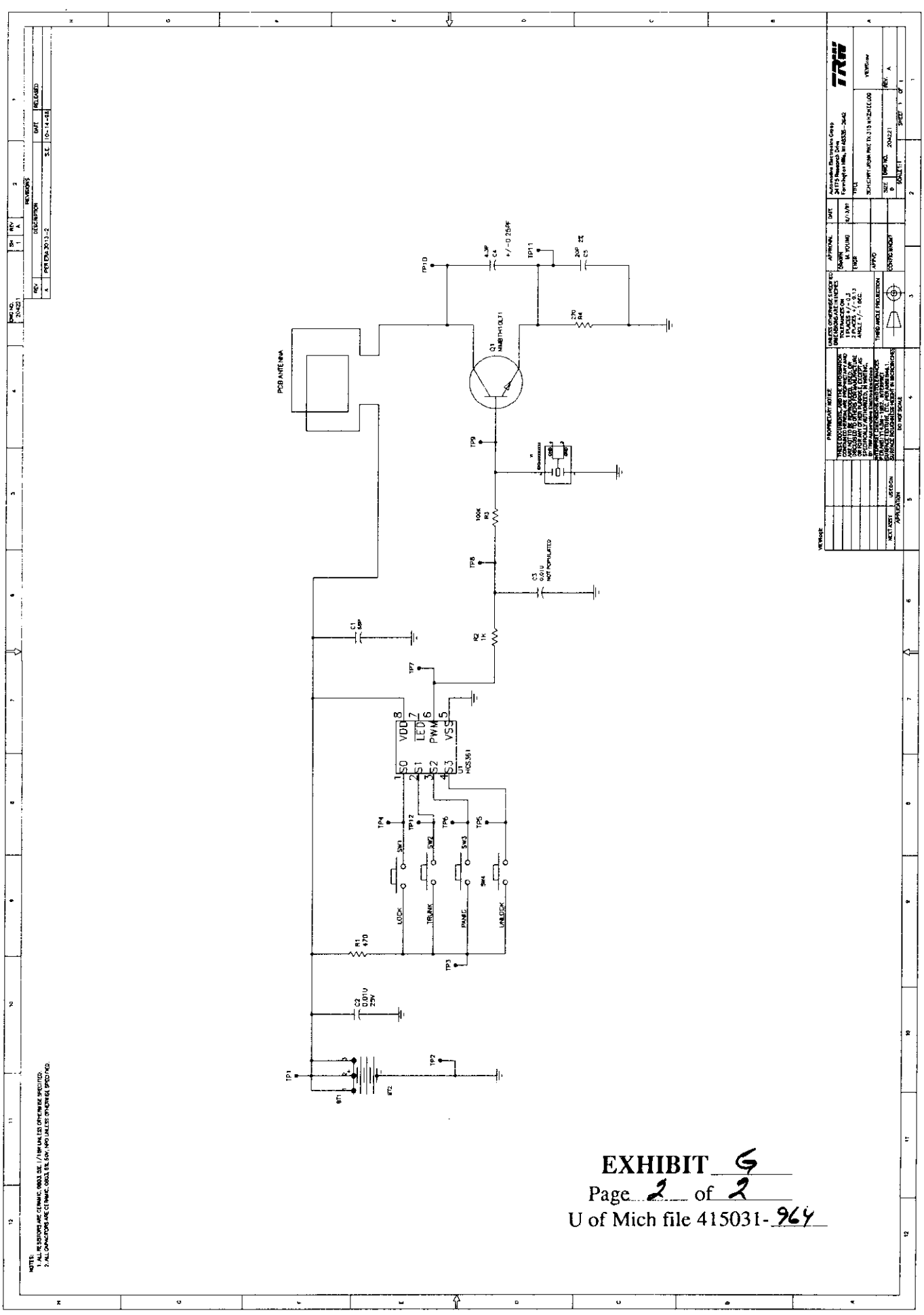

EXHIBIT G

Page 2 of 2

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DWG NO. 204225 | SH 1 | REV A

REVISIONS			
REV	DESCRIPTION	DATE	RELEASED
A	PER ERA 3013- 2 S.E.	10-13-90	

NOTES:

1. STANDARD SYMBOLS:

   ⊘ WHEN THE ⊘ SYMBOL APPEARS IN THE TITLE BLOCK, THE ITEM IS USED IN THE MANUFACTURE OF A SAFETY RELATED END PRODUCT.

   ▼ INDIVIDUAL FEATURES OR NOTES IDENTIFIED WITH THE ▼ SYMBOLS ARE SIGNIFICANT PART FEATURES AND REQUIRE ADDITIONAL CONTROLS PER THE TRW AEG SUPPLIER REQUIREMENTS MANUAL 1028036 OR PER THE TRW PLANT QUALITY MANUAL.

   ● DIMENSIONS, PERFORMANCE CHARACTERISTICS, OR PROCESSES IDENTIFIED WITH THE ● SYMBOL SHALL BE STATISTICALLY MONITORED, CONTROLLED AND REPORTED PER THE TRW AEG SUPPLIER REQUIREMENTS MANUAL. DATA TO BE SENT PER PURCHASE ORDER.

2. NO DEVIATIONS FROM THE MATERIALS AND PROCESSES USED TO PRODUCE PRODUCT VERIFICATION SAMPLES ARE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM TRW AEG PRODUCT ENGINEERING AND EITHER AEG SUPPLIER QUALITY ASSURANCE OR AEG PLANT QUALITY ASSURANCE.

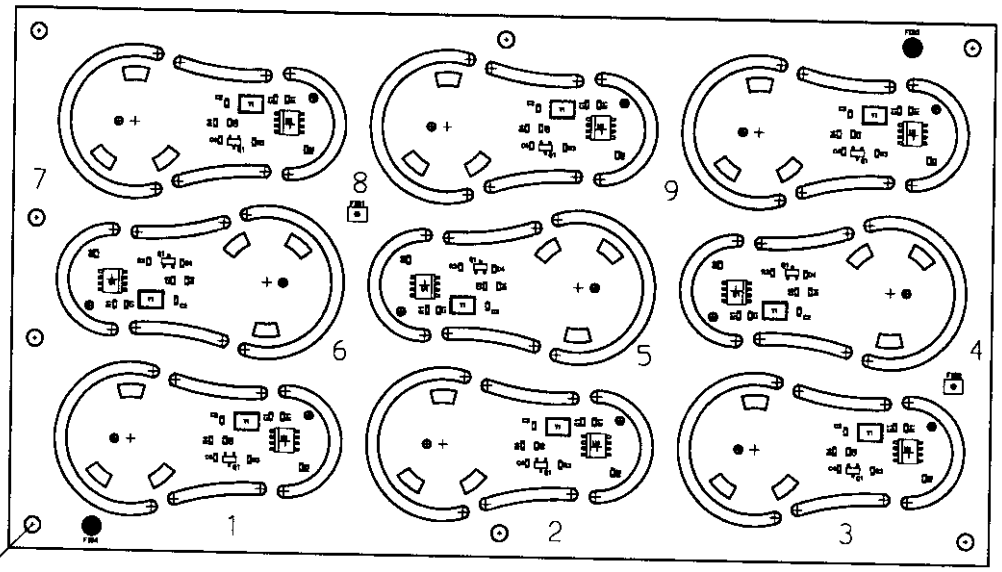
3. MAINTAIN AND INSPECT FOR CLEANLINESS PER 92081-017_.

4. TRW SPECIFICATION 1028036 'SUPPLIER REQUIREMENTS' MANUAL APPLIES.

5. SUPPLIER SHALL SUBMIT A PACKAGING PLAN, INCLUDING PROPOSED METHOD OF IDENTIFICATION TO TRW AEG PURCHASING, FOR APPROVAL PRIOR TO FIRST SHIPMENT.

6. SUPPLIER SHALL TEST THIS COMPONENT FOR COMPLIANCE TO THIS DOCUMENT. FREQUENCY AND PROCEDURE OF TEST SHALL BE APPROVED BY TRW AEG PRODUCT ENGINEERING AND SUPPLIER QUALITY ASSURANCE.

7. PRODUCT VERIFICATION DOCUMENTATION SHALL BE SUBMITTED PER THE TRW AEG SUPPLIER REQUIREMENTS MANUAL, 1028036.



DATUM X,Y

ASSEMBLY-TOP SIDE

PART LOCATIONS -SMD
COMPONENT SIDE (BOARD 1)

REF DES	CENTX (MM)	CENTY (MM)
U1	53.365	18.872
Y1	49.237	22.682
C1	50.444	23.825
C2	40.030	23.809
C4	38.760	14.935
C5	40.665	18.518
R1	52.857	23.825
R2	56.921	13.284
R3	45.872	14.681
R4	37.744	18.618
FID1	67.997	86.903
FID2	195.194	32.781
FID3	185.420	104.140
FID4	12.700	0.000
Q1	41.681	14.554

QTY REQ PER BOARD PER NEXT ASSEMBLY -103	-102	-101	PART NO.	DESCRIPTION(BPCS)	PRCS	REF DES TOP	REF DES BOT	ITEM
		1	205428-1	SPEC;TOBY,DARY;JR/NJ;TX	REF			16
		1	204223-1	PCB;CHRY;HY2001;JR;TRANSMITTER;NA	-			15
		-	204221	BOX;CHRY;HY2001;JR;TRANSMITTER;NA	REF			14
		-	203005-1	SOLDER;WIRE;0.20;NO CLEAN	REF			13
		-	202665-1	PASTE;SOLDER;LB737;NO CLEAN	REF			12
		1	1005884	TRANS;MMBTH10LT1;NPN;SOT-23;E	SMD	Q1		11
		1	1024459	RES;CR;0603;270;5;1/16;E	SMD	R4		10
		1	150417-8	RES;CR;0603;100K;5;1/16;A	SMD	R3		9
		1	1024473	RES,CR;0603;1K;5;1/16;A	SMD	R2		8
		1	150417-7	RES;CR;476;5;1/16;A	SMD	R1		7
		1	201276-93	CAP;CERM;0603;20P;5;50	SMD	C5		6
		1	201276-27	CAP;CERM;0603;4.3P;5;50	SMD	C4		5
		1	150275-3	CAP;CERM;0603;0.01U;5;25	SMD	C2		4
		1	201276-154	CAP;CERM;0603;68P;5;50	SMD	C1		3
		1	151249-1	CRYSTAL;SAW;315MHZ;TRD;SM	SMD	Y1		2
		1	150717-2	IC;ASIC;HC2361;SOIC;8	SMD	U1		1

PARTS LIST

PART NO	NEXT ASSY	USED ON

APPLICATION

PROPRIETARY NOTICE

THIS DOCUMENT, AND THE INFORMATION CONTAINED HEREIN, ARE PROPRIETARY AND ARE NOT TO BE REPRODUCED, USED, OR DISCLOSED TO OTHERS FOR MANUFACTURING OR FOR ANY OTHER PURPOSE, EXCEPT AS SPECIFICALLY AUTHORIZED, IN WRITING, BY THE ANNUNCIATOR ELECTRONICS GROUP.

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982. DIMENSIONS DEFINED BEFORE, ETC. MAY NOT BE ALL INSPECTED DURING SCRIPT IN ENGINEERING.

DO NOT SCALE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE
2 PLACES ±0.01
3 PLACES ±0.005
ANGLE ±1°

THIRD ANGLE PROJECTION

APPROVAL	DATE
DRAWN J. MASINICK	10-10-90
CHKD	
APPD	
CONTR MANF	

Automotive Electronics Group
8475 Sussex Drive
Farmington Hills, MI
48024-2640

TRW

TITLE
ASSY;CHRY;HY2001;JR;TRANSMITTER;NA

PCAD 8.5

SIZE D | DWG NO. 204225 | REV. A

SCALE 2:1 | SHEET 1 OF 2

DOC\EPREL.IN\204223\A\ASY.PCB

EXHIBIT 4
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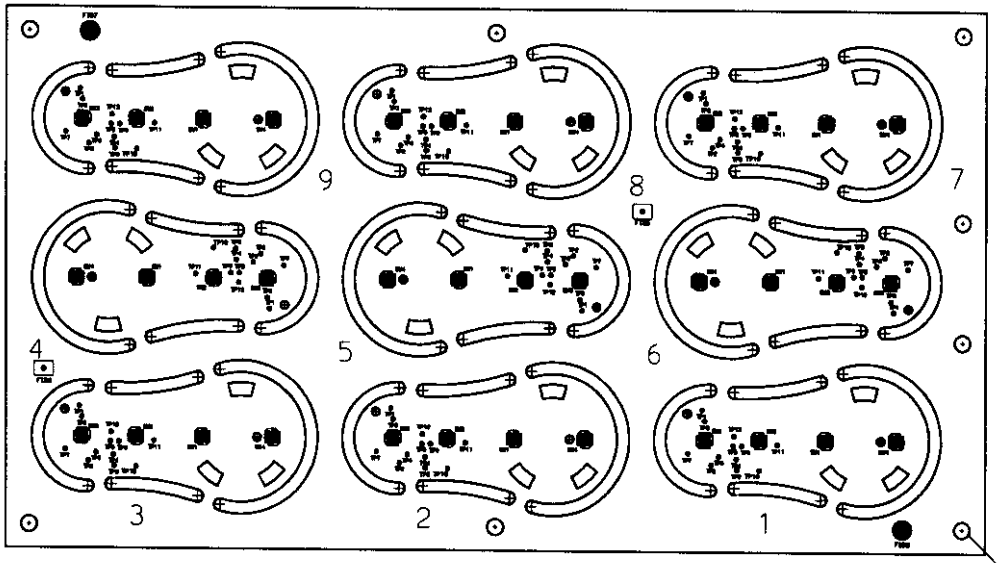
PART LOCATIONS -THRU
SOLDER SIDE (BOARD 1)

REF DES	CENTX (MM)	CENTY (MM)
TP1	-55.143	24.988
TP2	-53.238	13.411
TP3	-54.635	22.682
TP4	-47.904	14.881
TP5	-48.539	17.475
TP6	-51.587	15.189
TP7	-50.191	15.824
TP8	-47.777	18.385
TP9	-46.761	17.475
TP11	-39.268	17.729
TP12	-48.412	19.507

PART LOCATIONS -SMD
SOLDER SIDE (BOARD 1)

REF DES	CENTX (MM)	CENTY (MM)
FID5	-68.063	66.894
FID6	-195.199	32.766
FID7	-195.420	104.140
FID8	-12.700	0.000
	*2	12.268



ASSEMBLY- SOLDER SIDE SHOWN

DATUM X,Y

EXHIBIT 4
Page 2 of 2
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PCAD 8.5
Automotive Electronics Group
34177 Research Drive
Farmington Hills, MI
48335-3440
TRW
PCAD
SIZE D
DWG NO. 204225
REV. A
SCALE 2:1
SHEET 2 OF 2

DOC\EPREL IN\204223\A\ASY.PCB