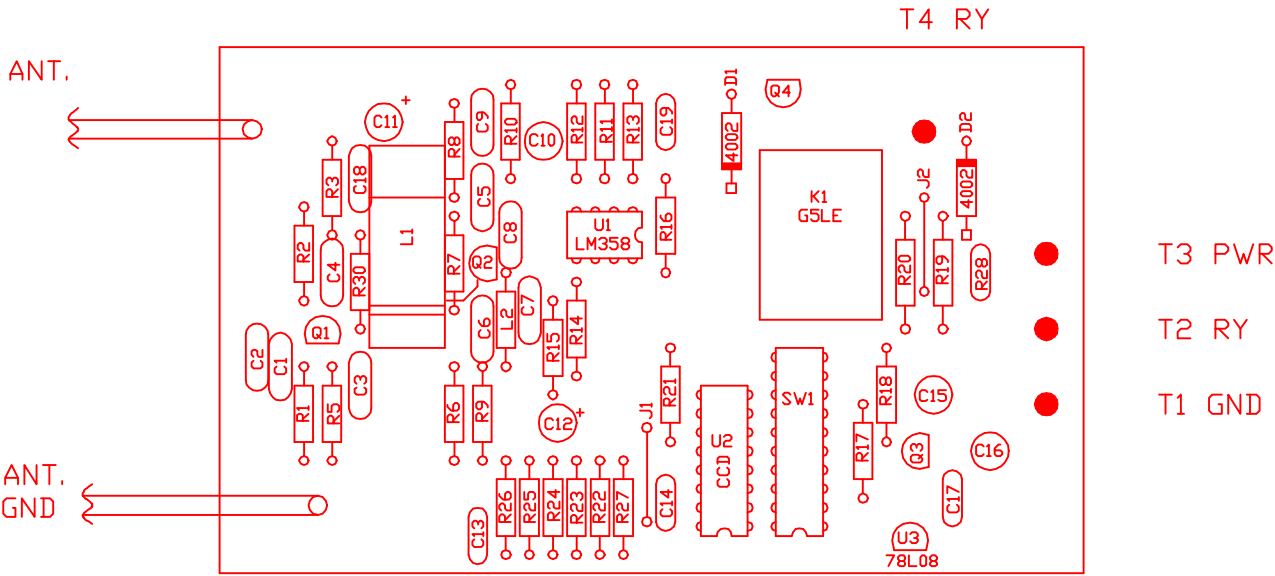


DATE	REV. LEVEL	REVISION RECORD	AUTH	DR	CK
1-6-00		CNI128		TAS	W.S.
2-14-00		CNI155		TAS	W.S.



TOLERANCES (EXCEPT AS NOTED)		Kdgs CONTROLS, INC. TROY, MI		
X.XX ± .01	REFERENCE	SCALE	DRAWN BY T.A.S.	
X.XXX ± .005	TITLE			
COMPONENT LAYOUT				
ANGULAR ± .5°	DATE	DRAWING NUMBER		SHEET
		CR-5120 SHEET 1 OF 1		C

KDS CONTROLS, INC. BILL OF MATERIALS

PAGE: 1

DATE REVISED: 04/05/2000

KDS ASSY P/N: CR-5120

PART NAME/DESCRIPTION: RECEIVER, LT. COMMERCIAL 110 VOLT

CUSTOMER: DIGI-CODE
CUSTOMER PART: 5399-20

ECN 1185
REFERENCE KDS P/N DESCRIPTION LINE NO.

	05-5120	CIRCUIT BOARD ASSEMBLY	1	100
	06-5120	PC BOARD SUB-ASSEMBLY (HAND)	1	200
	07-5100	PC BOARD SUB-ASSEMBLY (RADIAL)	1	300
	08-5100	PC BOARD SUB-ASSEMBLY (AXIAL)	1	400
	09-5100	PC BOARD SUB-ASSEMBLY (IC)	1	500
	10-5100A	PRINTED CIRCUIT BOARD, REV.	1	600
	14-5100	INTEGRATED CIRCUIT (REV. A)	1	700
	14-2927	INTEGRATED CIRCUIT	1	800
U2	21-1000	RESISTOR, 1/4W 100 OHM 5% CARB	1	900
U1	21-1002	RESISTOR, 1/4W 10K 5% CARBO	5	1000
R7,11,12,15,21				
R17	21-1003	RESISTOR, 1/4W 100K 5% CARB	1	1100
R16	21-1004	RESISTOR, 1/4W 1 MEG 5% CARB	1	1200
R1	21-1801	RESISTOR, 1/4W 1.8K 5% CARB	1	1300
R5	21-2200	RESISTOR, 1/4W 220 OHM 5% CARB	1	1400
R26	21-1005	RESISTOR, 1/4W 10 MEG 5% CARB	1	1500
R13	21-2204	RESISTOR, 1/4W 2.2 MEG 5% CARB	1	1600
R22	21-2703	RESISTOR, 1/4W 270K 5% CARB	1	1700
R23,24	21-2704	RESISTOR, 1/4W 2.7 MEG 5% CARB	2	1800
R3	21-3300	RESISTOR, 1/4W 330 OHM 5% CARB	1	1900
R6	21-3301	RESISTOR, 1/4W 3.3K 5% CARB	1	2000
R27	21-3303	RESISTOR, 1/4W 330K 5% CARB	1	2100
R9	21-4700	RESISTOR, 1/4W 470 OHM 5% CARB	1	2200
R2,8,10,14	21-4701	RESISTOR, 1/4W 4.7K 5% CARB	4	2300
R25	21-5104	RESISTOR, 1/4W 5.1 MEG 5% CARB	1	2400
R18	21-6802	RESISTOR, 1/4W 68K 5% CARBO	1	2500
R19,R20	22-2200	RESISTOR, 1/2W 220 OHM 5% CARB	2	2600
D1,2	16-1010	DIODE	2	2700
L2	31-1100	CHOKE, .22 UH 10% AXIAL LEAD	1	2800
J1	57-1050	JUMPER, 22GA. TINNED (REEL)	1	2900
Q1,2	15-1540	TRANSISTOR	2	3000
Q3,4	15-1550	TRANSISTOR	2	3100
U3	14-3050	VOLTAGE REGULATOR TAPED AMMO-PAK	1	3200
C3,4,6	47-1010	CAPACITOR, .001UF 50V Y5E	3	3300
C19	47-3033	CAPACITOR, 33pF +/- .25pF NPO 50V	1	3400

KDS CONTROLS, INC. BILL OF MATERIALS

PAGE: 2

KDS ASSY P/N: CR-5120

DATE REVISED: 04/05/2000

PART NAME/DESCRIPTION: RECEIVER, LT. COMMERCIAL 110 VOLT

CUSTOMER: DIGI-CODE
CUSTOMER PART: 5399-20

REFERENCE	KDS P/N	DESCRIPTION	QTY	LINE NO.
C7	47-2010	CAPACITOR, 100PF +/- 10% 50V	1	3500
C1,8	47-4039	CAPACITOR, 3.9PF +/- .25PF 50V	2	3600
C2	47-4056	CAPACITOR, 5.6PF +/- .25PF 50V	1	3700
C18	47-0010C	CAPACITOR, .01 50V Y5P 20%	1	3800
C17	45-0010	CAPACITOR, .01uf 10% 50V	1	3900
C10,12	43-1001G	CAPACITOR, 10uf 25V 20%	2	4000
C14	45-0001	CAPACITOR, .001 10% 50V	1	4100
C13	45-1022	CAPACITOR, .0022UF 50V 5%	1	4200
C9	45-0022	CAPACITOR, .022uf 10% 50V	1	4300
C11	43-1002C	CAPACITOR, 100uf 10V 20%	1	4400
C15	43-4701C	CAPACITOR, 47uf 35V 20%	1	4500
C16	43-1002B	CAPACITOR, 100UF 50V 20%	1	4600
C5	47-4030	CAPACITOR, 3PF 50V +/- .25PF	1	4700
R28	17-1180	MOV	1	4800
K1	30-1320	RELAY, 24V SPST-NO 10 AMP	1	4900
SW1	34-1290	DIP SWITCH, 10 POSITION	1	5000
L1	31-1120	RF COIL	1	5100
	35-3670	TERMINAL, FASTON .110 BLADE	4	5200
	37-5112	HARNESS ASSEMBLY	1	5300
	36-2000C	WIRE, 20 GA. BLACK X-LINK 3.25	1	5400
	35-3680	TERMINAL, RING	1	5500
	37-5111	HARNESS ASSEMBLY	1	5600
	36-2000C	WIRE, 20 GA. BLACK X-LINK 3.25	1	5700
	35-3690	TERMINAL, FASTON PIDG	1	5800
	37-5120	HARNESS ASSEMBLY	1	5900
	37-5113	HARNESS ASSEMBLY	1	6000
	36-5110	WIRE, TWIN LEAD 20 GA. STRANDED	1	6100
	35-3700	TERMINAL, SPADE	2	6200
	31-1130	TRANSFORMER, WALL MOUNT	1	6300
	65-1380	GROMMET .187 I.D. X .437 O.D.	1	6400
	35-3690	TERMINAL, FASTON PIDG	4	6500
	55-1000	CIRCUIT BOARD COATING	1	6600
	04-5110	HOUSING ASSEMBLY	1	6700
	50-5110	HOUSING, LIGHT COMMERCIAL	1	6800
	66-1520	JACK, F-SERIES WITH NUT AND WASH	1	6900

KDS CONTROLS, INC. BILL OF MATERIALS

PAGE: 3

KDS ASSY P/N: CR-5120

PART NAME/DESCRIPTION: RECEIVER, LT. COMMERCIAL 110 VOLT

ECN 1185

DATE REVISED: 04/05/2000

CUSTOMER: DIGI-CODE
CUSTOMER PART: 5399-20

LINE
NO.

REFERENCE KDS P/N DESCRIPTION

QTY

50-5111	BASE, LIGHT COMMERCIAL PER	1	7000
60-1580	SCREW, #4 X 5/8, PHILLIPS FLAT	1	7100
73-5101	LABEL, ALUMINUM SHIELD	1	7200
73-5120	LABEL,	1	7300