

MATERIAL LIST

TITLE		DWG NO.	REV	SHEET
ASSY. P.C.B. POSITIONER SERVO		200137	F	1 OF 4
MODEL 270/277		PERSCI, INC.		
ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
1	BOARD, PROCESSED	200152	1	REV E
2	HEAT SINK	200162	1	
3				
4	IC 7400	150603	2	U4, 5
5	IC 7404	150604	1	U3
6	IC 7432	150608	1	U7
7	IC LM311N	150600	6	U1, 2, 8, 9, 10, 12
8	IC MC1458C-P1	150602	5	U11, 13, 15, 16, 17
9	IC 75451	150616	1	U14
10	IC AH5012	150620	1	U6
11				
12	TRANSISTOR 2N4400	150200	3	Q1, 3, 9
13	TRANSISTOR 2N4402	150201	4	Q4, 10, 11, 16
14	TRANSISTOR 2N5460	150202	1	Q2
15	TRANSISTOR MJE-32, TIP-32, RC	150204	4	Q12, 13, 14, 15
16	TRANSISTOR 2N2222A	150208	2	Q5, 7
17	TRANSISTOR 2N2907A	150209	2	Q6, 8
18				
19				
20	DIODE 1N3064	150300	4	CR1, 2, 3, 4,
21	DIODE, ZENER 1N755A	150303	1	VR1
22				
23	CAPACITOR, mica 510 Pf	150102-511	1	C2
24	CAPACITOR, mylar .001 Uf	150101-102	1	C4
25	CAPACITOR, mylar .0015 Uf	150101-152	1	C8
26	CAPACITOR, CER .01 Uf	150103-103	3	C3, 5, 6,
27	CAPACITOR, mylar .022 Uf	150101-223	1	C1
28	CAPACITOR, tantalum 1Uf	150100-105	6	C9, 10, 11, 12, 13, 14
29	CAPACITOR, mylar 1 Uf	150104-105	1	C7
30				
31				
32				
33				

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F

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DWG NO.
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TITLE	ASSY. P.C.B. POSITIONER SERVO	DWG NO. 200137	REV F	SHEET 2 OF 4
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PERSCI, INC.

ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
34	RESISTOR, VAR 2K	150003-202	1	R33
35				
36	RESISTOR, 3W 5% 1	150008-010	2	R77,78
37				
38	RESISTOR, 1/2W 1% 1K	150001-1001	12	R34, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65
39	RESISTOR, 1/2W 1% 10K	150001-1002	7	R13, 14, 15, 28, 29, 52, 53
40	RESISTOR, 1/2W 1% 80.6K	150001-8062	1	R48
41				
42	RESISTOR, 1/2W 5% 100	150000-101	1	R69
43	RESISTOR, 1/2W 5% 200	150000-201	2	R2,4
44	RESISTOR, 1/2W 5% 510	150000-511	1	R47
45	RESISTOR, 1/2W 5% 750	150000-751	1	R42
46	RESISTOR, 1/2W 5% 1K	150000-102	14	R3, 8, 9, 10, 16, 23, 27, 35, 39, 41, 45, 72, 74, 75
47	RESISTOR, 1/2W 5% 1.2K	150000-122	1	R46
48	RESISTOR, 1/2W 5% 2K	150000-202	1	R38
49	RESISTOR, 1/2W 5% 3.3K	150000-332	2	R67,71
50	RESISTOR, 1/2W 5% 3.9K	150000-392	2	R1,3
51	RESISTOR, 1/2W 5% 4.7K	150000-472	1	R34
52	RESISTOR, 1/2W 5% 5.1K	150000-512	3	R12,20,75
53	RESISTOR, 1/2W 5% 10K	150000-103	7	R6, 10, 11, 30, 31, 51, 73
54	RESISTOR, 1/2W 5% 20K	150000-203	1	R37
55	RESISTOR, 1/2W 5% 22K	150000-223	3	R17,24,26
56	RESISTOR, 1/2W 5% 39K	150000-393	1	R68
57	RESISTOR, 1/2W 5% 51K	150000-513	1	R7
58	RESISTOR, 1/2W 5% 100K	150000-104	8	R2, 3, 36, 40, 44, 66, 76
59				
60				
61	RESISTOR, 1/2W 5% 390K	150000-394	1	R19
62	RESISTOR, 1/2W 5% 3.9MEG	150000-395	1	R76
63	RESISTOR, 1/2W 5% 1MEG	150000-105	2	R22,25
64				
65				
66				

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F

TITLE ASSY. P.C.B. POSITIONER SERVO	DWG NO. 200137	REV F	SHEET 3 OF 4
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MODEL 270/277

PERSCI, INC.

DWG NO.
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ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
67	SCREW, BINDING HD., 4-40	100002-207	4	
68	INSL & WASHER	150212	4	to be used with
69	WASHER, SHOULDER	100050-001	4	
70	WASHER, FLAT	100008-200	4	MJE-32
71	NUT	100015-200	4	
72				
73	SCREW, BINDING HD., SLOTTED	100002-307	4	to be used with
74	INSULATOR	150213	4	
75	WASHER, SHOULDER	100050-001	4	
76	WASHER, FLAT	100008-300	4	
77	NUT	100015-300	4	
78				
79	CONNECTOR 10 Pin	100041-010	2	J5
80	CONNECTOR 4 Pin	100041-004	1	J8
81	SUBASSY, HARNESS	200398-007	1	P8
82	SUBASSY, HARNESS	200398-008	1	P7
83				
84	WIRE INSUL, AWG 24	100037-024	A/R	
85	TERMINAL, CONN	100159-003	2	P21
86				
87	HOUSING, SINGLE ROW	100154-002	1	P21
88				
89				
90				
91				
92				
93				
94	WIRE, BUSS AWG 24	100052-024	A/R	Use as jumper across R50
95	SLEWING, TEFLON, #22	100135-022	A/R	
96				
97				
98				
99	GREASE, SILICON	100165	A/R	

