

MATERIAL LIST

REV J
DWG NO. 200134

TITLE		DWG NO.	REV	SHEET
ASSY., P.C.B. SPINDLE SERVO		200134	J	1 OF 3
MODEL 270/277		PERSCI, INC.		
ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
1	BOARD, PROCESSED	200135	1	REV E.
2	SUBASSY, HARNESS	200400-004	1	P5
3	SUBASSY, HARNESS	200399	1	P4
4	HEAT SINK	200160	1	
5				
6				
7				
8	IC LM311N	150600	1	U6
9	IC MC1458-P1	150602	2	U5, 7
10	IC 7400	150603	1	U1
11	IC 7430	150607	1	U4
12	IC 74193	150614	2	U2, 3
13	IC 7486	150611	1	U8
14				
15				
16				
17	TRANSISTOR 2N4400	150200	3	Q3, 6, 7
18	TRANSISTOR 2N4402	150201	2	Q1, 2
19	TRANSISTOR TIP-32, RCA-32, MJE-32	150204	1	Q4
20	TRANSISTOR 2N3771	150205	1	Q5
21				
22				
23	DIODE 1N3064	150300	2	CR1, 3
24	DIODE 1N4003	150301	2	CR2, 4
25	DIODE, ZENER 1N751A	150311	1	VR1
26	CAPACITOR, MYLAR .001UF	150101-102	1	C17
27	CAPACITOR, Mica 56 PF	150102-560	1	C13
28	CAPACITOR, Mylar 1000PF	150101-102	2	C11, 14
29	CAPACITOR, Mylar 1000PF	150101-102	1	C11
30	CAPACITOR, CERAMIC .01 UF	150102-102	1	C15
31	CAPACITOR, TANT. 10% 0.1 UF	150100-101	1	C4
32	CAPACITOR, Mylar 10% 0.1 UF	150101-104	2	C5, 8
33	CAPACITOR, TANT. 10% 1 UF	150100-105	7	C1, 2, 3, 4, 7, 9, 12

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		ASSY., P.C.B. SPINDLE SERVO		200134					
PERSCI, INC.									
ITEM NO.	DRAWING TITLE			DWG NO.	QTY	REMARKS			
34	CAPACITOR, Mylar 5% 1 UF			150104-105	2	C6, 10			
35									
36	RESISTOR 1/4W 5% 150			150002-151	1	R27			
37	RESISTOR 1/4W 5% 1K			150002-102	1	R26			
38	RESISTOR 2W 5% 15			150004-150	1	R15			
39									
40	RESISTOR 1/2W 1% 4.64K			150001-4641	1	R4			
41	RESISTOR 1/2W 1% 5.62K			150001-5621	1	R5			
42	RESISTOR 1/2W 1% 40.2K			150001-40.2	2	R13, 14			
43									
44	RESISTOR 1/4W 5% 47			150000-470	1	R24			
45	RESISTOR 1/2W 5% 100			150000-101	2	R25, 28			
46	RESISTOR 1/2W 5% 510			150000-511	2	R12, 21			
47	RESISTOR 1/2W 5% 1K			150000-102	4	R 17,18,19,22			
48	RESISTOR 1/2W 5% 10K			150000-103	5	R6,8,10,11,20			
49	RESISTOR 1/2W 5% 51K			150000-513	1	R9			
50	RESISTOR 1/2W 5% 100K			150000-104	3	R1,7,16			
51	RESISTOR 1/2W 5% 390K			150000-394	1	R16			
52	RESISTOR 1/2W 5% 560K			150000-564	1	R1			
53	RESISTOR 1/4W 5% 220K			150000-224	1	R23			
54	RESISTOR 1/4W 5% 240K			150000-244	1	R3			
55									
56									
57									
58	CONNECTOR, ANGLE 2 Pin			100042-002	1	J1			
59	CONNECTOR, ANGLE 4 Pin			100040-004	1	J2			
60									
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66									

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TITLE ASSY., P.C.B. SPINDLE SERVO **DWG NO.** 200134 **REV** J **SHEET** 3 OF 3

PERSCI, INC.

ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
67				
68				
69				
70	SCREW, BINDING HD 4-40	100002-308	2	} TO-9 Use
71	INSULATOR, MICA	150211	1	
72	WASHER, SHOULDER	100050-001	2	
73	WASHER, FLAT	100008-300	2	
74	NUT	100015-300	2	} Use with MJE 32
75				
76	SCREW, BINDING HD	100002-207	1	} Use with RCA 32 and TIP 32
77	INSULATOR, MICA & WASHER	150212	1	
78	WASHER, SHOULDER	100050-001	1	
79	WASHER, FLAT	100008-200	1	
80	NUT	100015-200	1	} Use with RCA 32 and TIP 32
81				
82	SCREW, BINDING HD	100002-306	1	} Use with RCA 32 and TIP 32
83	INSULATOR, MICA	150213	1	
84	WASHER, SHOULDER	100050-001	1	
85	WASHER, FLAT	100008-300	1	
86	NUT	100015-300	1	} Use with RCA 32 and TIP 32
87				
88	TIE, CABLE	100086-003	6	
89				
90				
91				
92	GREASE, SILICON	100165	A/R	
	SCHEMATIC	200133	REP	REV C
	ARTWORK	200151	REP	REV D