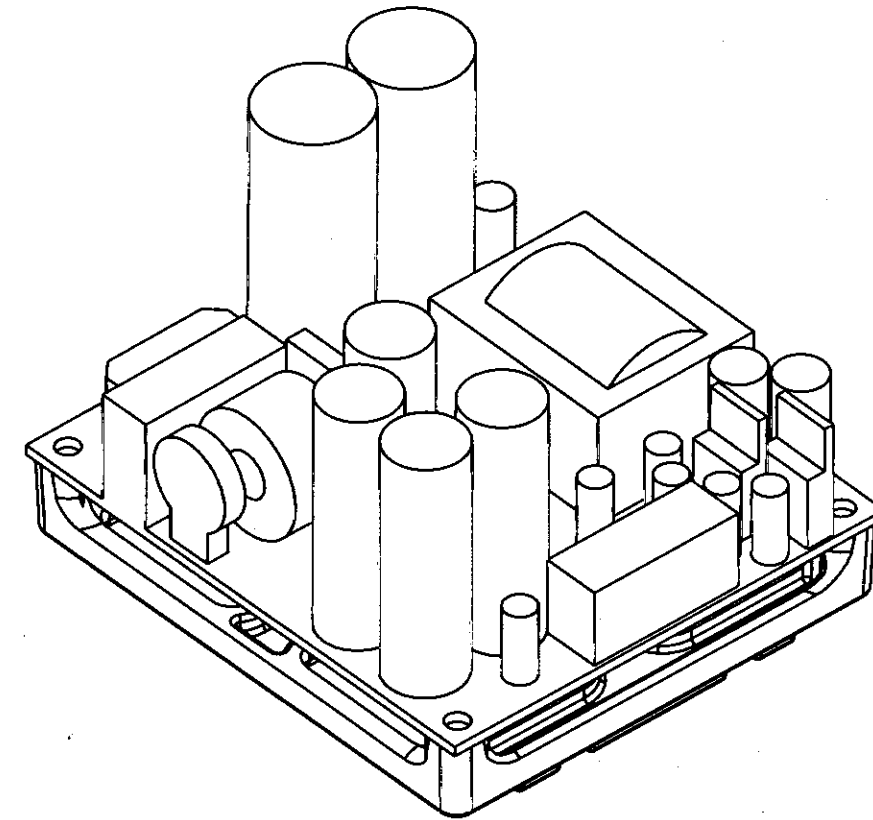
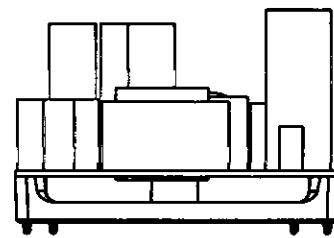
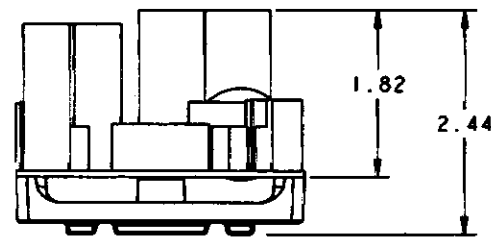
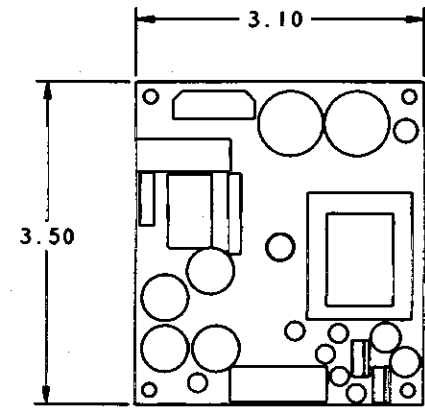


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PART NO.	DESCRIPTION	REMARKS
350979-001	POWER SUPPLY, LSR6328P	

REVISIONS						
CHG	LTR	DESCRIPTION	DRFT	CHK	DATE	APPR
26095	A	RELEASE TO PRODUCTION	CS	A.F.	11-26-03	[Signature]

11/25/03



SCALE 2/1

4. SEE P/N JBL PROFESSIONAL 350979-005 FOR DESIGN SPECIFICATION.
3. SEE P/N JBL PROFESSIONAL 350979-004 FOR JBL180-UL REPORT.
2. LOAD TEST PER JBL PROFESSIONAL ETS#352864.
1. NO LOAD TEST PER JBL PROFESSIONAL ETS#350979.

NOTES: (UNLESS OTHERWISE SPECIFIED)

TOLERANCES (UNLESS OTHERWISE SPECIFIED) .XXX ± .005 INCH .XX ± .010 INCH .X ± .020 INCH ANGULAR ± .030° FRACTIONAL ± 1/32	DRAWN CSANTANA 04/11/03	JBL PROFESSIONAL <small>A Harman International Company</small> Northridge, California 91329 U.S.A.
	CHECKER	
DIMENSIONS ARE INCHES ALL DIMENSIONS ARE FINISHED DIMENSIONS DO NOT SCALE DRAWING	MODEL USED ON LSR6328P	SIZE D
THIRD ANGLE PROJECTION 	SCALE NONE	SHEET 1 OF 1

Structure Bill of Material
for
JBL180-6000

SINo	BOM Level	Part No.	Revision	Description	Ref. Desig	UOM	Qty	Part Type	Alternate Part
		JBL180-6000		MODEL NUMBER		EA			
1	0	PWR9701BOM001	01B	STRUCTURED BILL OF MATL, JBL180-6000		EA	1	P	
2	1	01-1806000-01	B	ASSY POWER SUPPLY, JBL180-6000		EA	1	A	
3	2	06-1806000-01	1	ASSY,PWR SUPPLY, JBL180-6000,TSTD		EA	1	A	
4	3	04-1806000-01	2	ASSY,PCB,JBL180-6000,TSTD		EA	1	A	
5	4	04-1806000-02	03	ASSY,PCB,JBL180-6000		EA	1	A	
6	5	25-92004-0002		ADHESIVE,ANABOND.	FOR MYLAR FIXING	ML	0.025	D	
7	5	09-1806000-06	2	ASSY,MYLAR-2,JBL180-6000.	BTWN IC4 & INPUTAC POINT	EA	1	A	
132	6	22-31259-0010		FILM,MYLAR, 1 MIL.		SF	0.0032	B	
8	6	22-50746-0600		TAPE,POLY,1350Y,0.6 IN	TO COVER THE MYLAR	FT	0.083	B	
9	5	09-1806000-05	2	ASSY,MYLAR-1,JBL180-6000.	BTWN SEC & PRIM CIRCUIT	EA	1	A	
135	6	22-31259-0010		FILM,MYLAR, 1 MIL.		SF	0.01	B	
10	6	22-50746-0600		TAPE,POLY,1350Y,0.6 IN	TO COVER THE MYLAR	FT	0.4	B	
11	5	05-35584-0101	1	CHOKE,EMI,JBL180-6000	L1	EA	1	A	
12	6	19-30310-0315		CABLE TIES, NATURAL,NY,L= 80mm		EA	2	B	
13	6	22J30341-0222		WIRE,HPN,22 GA MW80C RED		LB	0.0121	B	
14	6	22J87101-1040		CORE/TOROID		EA	1	B	
15	5	05-35692-0340	1	X'MER,O/P,JBL180-6000.	T1	EA	1	A	
16	6	09-1806000-07	1	ASSY,OUTER CU SHLD,0.500x 0.010.		EA	1	A	
17	7	17-30624-0031		WIRE,BUSS,31 AWG		FT	0.1804	B	
18	7	22-30191-0034		COPPER,STRIP,0.010 X 0.50 0.		LB	0.0022	B	
19	7	22-30749-0024		SLEV,FBR GLASS NAT,24GA.		FT	0.2625	B	
20	7	22-50743-0500		TAPE,POLY,1298,0.5 IN		FT	0.2	B	22-50746-0500
21	7	22-50743-1200		TAPE,POLY 1298,1.2 INCH.		FT	0.269	B	22-50746-1200
22	6	22-30259-0003		PAPER,NOMAX,3 MIL.		SF	0.05	B	
23	6	22-50746-0500		TAPE,POLY,1350Y,0.5 IN		FT	0.1	B	
24	6	22-50746-0700		TAPE,POLY,1350Y,0.7" WIDE .		FT	0.4	B	
25	6	22A30192-0560		COPPER SHIELD,0.56"WIDE		FT	0.16	B	
26	6	22A96005-0250		TAPE,P256,MYLAR,1 MIL,.25 "WIDE		FT	1.05	B	
27	6	22A96005-0500		TAPE,MYLAR,.50"WIDE		FT	0.37	B	
28	6	22A96005-0900		TAPE,P256,MYLAR,1MIL,BASE 0.90"WIDE		FT	1	B	
29	6	22J03062-2800		CORE TDK ,PC 40, EER 28		EA	2	B	
30	6	22J30150-0140		WIRE,LTZ,150/40,SPN,MW80C ,RED	SEYX1	LB	0.0085	B	
31	6	22J30150-0440		WIRE,LTZ,150/40,SPN,MW80C ,GREEN		LB	0.0085	B	
32	6	22J30341-0224		WIRE,24HPN,MW80C,RED.	PRIM SEC	LB	0.0085	B	
33	6	22J30341-0231		WIRE,31 HPN,MW80C,RED.	SEYX3	LB	0.0008	B	
34	6	22J30341-0324		WIRE,24HPN,MW80C,GREEN	SEC	EA	0.002	B	
35	6	22J30749-0024		SLEV,FBRGLS,NAT,24GA.		FT	0.33	B	
36	6	22J30750-0800		TAPE,P422,TEFLON,0.800" W IDE.		FT	2.132	B	
37	6	22J35201-0200	1	BOBBIN EER28 HORIZONTAL.		EA	1	A	
38	7	22-45066-1000		THERMOPLASTIC,RYNITE.		KG	0.005	B	
39	7	22-91000-0004	K	PIN FOR BOBBIN,EER28L.		EA	14	B	
40	6	25A40897-1006		VARNISH TRANSF DOLPH		LT	0.0001	B	
41	6	30-35692-0340	1	LABEL,O/P X'MER,JBL180-60 00.		EA	1	B	
42	5	06-1806000-02	1	ASSY,CAP,W/TAPE,JBL180-60 00.	ASSY FOR C2	EA	1	A	
43	6	10J32179-0334		CAP,BOX,X2,0.33MFD/275V A C.	C2	EA	1	B	
44	6	22-50746-0400		TAPE,POLY,1350Y,0.400 WID E.		FT	0.125	B	

45	6	22-50746-0700		TAPE,POLY,1350Y,0.7" WIDE .	FOR C2	FT	0.24	B	
46	5	09-1806000-01	03	COMPONENT KIT,JBL180-6000		EA	1	A	
51	6	04-1806000-03	04	ASSY,PCB W/SMD, JBL180-6000		EA	1	A	
59	7	02-1806000-01	05	PCB BARE,DBLSIDED, JBL180-6000		EA	1	B	
52	7	10-81111-0036		CAP,X7R,0805,100V,1000PF	C31	EA	1	B	
53	7	10-73506-4105		CAP,MLCC,X7R,1206,1/50V.	C29	EA	1	B	
55	7	16-72214-6041		RES ,MF,1/4W,1206,1%,6.04K OHMS	R40	EA	1	B	
	7	16-72113-9108		RES,0805,1/8W,1%,9.1 OHM.	R47	EA	1		
56	7	11A75112-0500		FET,D2PAK,500V,12A	Q1,Q2	EA	2	B	
57	7	10J73506-6105		CAP,MLCC,X7R,1812,1/50V,1 0%.	C35	EA	1	B	
58	7	16A77503-0552		THERM,PTC,SWITCHING,0805, 110C	R23	EA	1	B	
60	7	10A72608-3102		CAP,NPO,805,100V,1000pF,2 %	C7	EA	1	B	
61	7	10A73503-4105		CAP,X7R,1206,16V,1uF,10%	C14,C23	EA	2	B	
	7	10J73506-4104		CAP,MLCC,X7R,1206,0.1/50V	C37	EA	1		
62	7	10A73506-3333		CAP,X7R.0805,50V,0.033uF, 10%.	C4	EA	1	B	
63	7	10A73506-4104		CAP,X7R,1206,50V,0.1uF,10 %.	C28,C34,C15	EA	3	B	
64	7	10A73516-4153		CAP,X7R,1206,.015uF,500V, 10%	C6	EA	1	B	
66	7	10A74616-3101		CAP,NPO,0805,500V,100pF,5 %	C22	EA	1	B	
69	7	10J73506-4181		CAP,MLCC,X7R,1206,180PF/5 0V.	C30	EA	1	B	
70	7	10J73506-4333		CAP,SMD,0.033MF,X7R, 1206 /50V DC,10%	C9	EA	1	B	
71	7	11A71196-0040		TRANS,SOT23,40V,.1A,NPN	Q3	EA	1	B	
72	7	11A78291-0030		TRANSISTOR,SOT363,NPN/PNP	IC3,U6	EA	2	B	
74	7	12A73301-0400		DIODE,MELF,1.0A,400V	D1,D11,D23,	EA	3	B	
75	7	12A73391-0100		DIODE,MMELF,100V, .1A	D4,D9,D10,D13	EA	4	B	
76	7	12A78191-0075		DIODE,SOT23,DUAL,350MW	D19	EA	1	B	
77	7	12J72805-0100		SCHOTTKY DIODE,5A,100V,D PACK	D12,D14,D15,D22	EA	4	B	
78	7	12J73395-0400		DIODE,MMELF,0.5A,400V	D2,D5,D6,D8,D17,D18,D20,D21,D3,D7	EA	10	B	
79	7	13J81111-0003		IC, REG, SOT23, LM431	IC5	EA	1	B	
80	7	14A71192-0200		SCR,SOT23,200V,IGT200U	SCR2	EA	1	B	
81	7	14J81111-0004		TRIAC,D2PAK,600V,8A	SCR1	EA	1	B	
82	7	15J81111-0002		IC, DUAL, COMP, S08, LM39 3	IC2	EA	1	B	
83	7	15J81111-0003		IC,SO-8,HALF BRIDGE,IR215 31S	IC1	EA	1	B	
84	7	15J81111-0004		IC,4-PIN,OPTO,TRIAC	IC4	EA	1	B	
85	7	15J81111-0005		IC,OPTO 4 PIN,	U3	EA	1	B	
86	7	16-72113-2001		RES,0805,1/8W,1%,2K OHM		EA	1	B	
87	7	16-72113-3001		RES,MF,1/8W,1%,0805,3K OH M		EA	2	B	
88	7	16A71234-0220		RES,1206,22 OHM,5%	R15	EA	1	B	
89	7	16A72113-1001		RES,0805,1K OHM,1%	R17,R25,R16,R36	EA	4	B	
90	7	16A72113-1002		RES,0805,10.0K OHM,1%	R19,R24,R26,R22,R37	EA	5	B	
91	7	16A72113-1004		RES,0805,1M OHM,1%	R27	EA	1	B	
93	7	16J71234-0102		RES,SMD,1206,5%,1KOHM	R29	EA	1	B	
94	7	16J71234-0274		RES,SMD,270K OHM,1206,5%	R41	EA	1	B	
95	7	16J71234-0270		RES,SMD,1206,5%,27 OHM	R20	EA	1	B	
96	7	16J71331-0513		RES,SMD,51K OHM,2010,5%	R1,R2	EA	2	B	
97	7	16J71437-0103		RES,SMD,2512,10K OHM,5%	R32,R33	EA	2	B	
98	7	16J72113-1004		RES,SMD,0805,1M OHM,1%	R39,R42	EA	2	B	
99	7	16J72113-1009		RES,SMD,0805,1%,10 OHM,	R5	EA	1	B	
100	7	16J72113-1102		RES,SMD,11K OHM,0805,1%	R7	EA	1	B	
101	7	16J72113-1504		RES,SMD,1.5 M OHM,0805,1%	R18	EA	1	B	
102	7	16J72113-2001		RES,SMD,0805,1%,2K OHM	R38	EA	1	B	
103	7	16J72113-2002		RES,SMD,0805,20K OHM,1%	R34,R35	EA	2	B	
104	7	16J72113-2211		RES,SMD,0805,2.21K OHM,1%	R28	EA	1	B	
105	7	16J72113-3001		RES,SMD,0805,1%,3K OHM	R30,R31	EA	2	B	
106	7	16J72113-3604		RES,SMD,3.6M OHM,0805,1%	R14	EA	1	B	
107	7	16J72113-4752		RES,SMD,0805,47.5K OHM 1%	R11	EA	1	B	

108	7	16J72113-4991		RES,SMD,0805,1%,4.99K OHM	R21	EA	1	B	
109	7	16J72214-1203		RES,SMD,1206,1%,120K OHM	R45,R46	EA	2	B	
111	7	16J72214-4709		RES,SMD1206,1%,47 OHM,	R6,R12	EA	2	B	
112	7	16J72214-4993		RES,SMD,499K OHM,1206,1%	R3,R4	EA	2	B	
113	7	16J72214-5103		RES,SMD,1206,1%,510K OHM	R8,R9	EA	2	B	
114	7	16J78104-0000		RES,SMD,1206,0 OHM,5%	R43	EA	1	B	
47	6	19-37192-0002		HEAT SINK,BK-T220-0060-03	FOR U1,U2	EA	2	B	
48	6	22-30747-2018		SLEV,TEF,THIN,200C,300V,1 8GA	FOR RT1	FT	0.05	B	
49	6	10-35123-0193		CAP,AL,ELE.,105C,1000/50,,12.5X40,HE	C16A,C18A,C19A,C21A	EA	4	B	
50	6	20-90734-0063		FUSE,5X20,SLDR,HBK,6.3A/2 50V.	F1	EA	1	B	
115	6	10J11111-0024		CAP,CER,Y2,250V AC,5000PF	C5	EA	1	B	
116	6	10J31192-0224		CAP,MPF,400V DC,0.22MFD,5 %.	C12,C13	EA	2	B	
118	6	10J35123-0139		ELE,CAP,4.7MFD/50V,5X11MM	C24,C25,C26,C27	EA	4	B	
119	6	10J35123-0140		ELE,CAP,470MFD,200V DC,10 5'C,RAD,18X45MM	C1,C3	EA	2	B	
120	6	10J35123-0146		CAP,ELE,105C,150uF/35V,8X 11MM,YXG	C8,C11.	EA	2	B	
121	6	10J35123-1034		ELE,CAP,10MFD/50V,5X11MM	C32,C33	EA	2	B	
122	6	10J35123-3084		ELE,CAP,220/25V,6.3X11MM	C10	EA	1	B	
123	6	12J35008-0600		BRIDGE RECTIFIER,8A/600V	BR1	EA	1	B	
124	6	13J30195-0015		IC REGULATOR 7815CT,TO 22 0	U1,U2	EA	2	B	
125	6	16J30185-0002		THERMISTOR,10E /5A	RT1	EA	1	B	
126	6	17A30624-0022		WIRE,BUS,22GA	R10,R13	LB	0.065	B	
127	6	18J96017-0104		ISC DRIVE POWER CONNECTIO N SYSTEM HEADER.	P1	EA	1	B	
128	6	18J98001-0001		MINIFIT HEADER, 12 PIN	P2	EA	1	B	
	6	17-30649-0187		SLEEVE,H/SHRINK,0.187"	FOR F1	FT	0.065		
136	4	25-30898-1016		GLUE,TRANSLUCENT,RTV734		ML	1.4	D	
138	3	08-1806000-01	1	BRACKET,JBL180-6000.		EA	1	B	
139	3	19-30300-0006		WASHER,STAR,6-32 DIA,EXT.	FOR PCB FIXING	EA	4	B	
140	3	19-92014-0250		SCREW,S/TAP,FOR PL,6-32 X 0.25"	FOR PCB FIXING	EA	4	B	
141	2	30-1806000-01	1	LABEL,AGENCY,JBL180-6000		EA	1	B	
142	2	30-40599-0001	D	LABEL,SELF ADHESIVE,BLANK .		EA	1	B	
143	1	09-1806000-02	02	ASSY,SHIPMENT,JBL180-6000		EA	0.0016	A	
144	2	09-1806000-03	02	ASSY,O/PACK,JBL180-6000		EA	0.0125	A	
145	3	30-00521-0003	C	SILICA GEL.		EA	0.2	B	
146	3	30-91503-0058		POLY BAG,ELTRON.		EA	0.0125	B	
147	3	30-91503-0107		POLY BAG, ANTISTATIC,HPS85-3001-E.		EA	1	B	
148	3	30-92503-0107	1	FITMENTS,JBL180-6000.		EA	0.05	B	
149	3	30-92501-0058		OUTER CARTON,ELTRON.		EA	0.0125	B	
150	3	30-92502-0062		SEPARATING PL,CSS54-4000.		EA	0.0625	B	
151	3	30-92507-0001		POLYPROPYLENE TAPE, BROWN ,3"W		FT	0.237	B	
152	2	26-30907-0001		BRACKET,L SHAPE,PLASTIC.		EA	0.0125	B	
153	2	26-45907-0022	A	WOODEN PALLET, 48" X 40"		EA	0.0013	B	
154	2	30-92504-0002		SEALING WIRE.		KG	0.00005487	B	
155	2	30-92504-0005		SEALING LEAD.		KG	0.00001372	B	
156	2	30-92504-0006		STRETCH WRAP FILM.		MT	0.0411	B	
157	2	30-92504-1003		RAYON STRACKING STRIP,12 MM.		FT	0.1783	B	
158	2	30-92504-2003		CLIP FOR RAYON STRIP.		EA	0.0123	B	
159	2	30-94001-0814	C	EDGE PROTECTOR,50X50X3X814 MM.		EA	0.00625	B	
160	2	30-94001-0990	C	EDGE PROTECTOR,50X50X990X 3MM		EA	0.0031	B	
161	2	30-94001-1168	C	EDGE PROTECTER 50X50X1168 X3MM		EA	0.0031	B	
162	1	09-1806000-04	1	CONSUMABLE,JBL180-6000		EA	1	A	

JBL180-6000	
REVISION HISTORY	
REV	DESCRIPTION OF CHANGE
A	RELEASE PRODUCTION
A1	R20 WAS 56 OHM, CHANGED TO 27 OHM (ALTERNATE-TWO PARALLEL 56 OHM)
	C37 ADDED (between IC3 pin 1&2-0.1uf .X7R/10%, 50V,0805)
B	PCB REV ROLLED TO 05

JBL Electronic Transformer 29-7-2003 SILKSCREEN TOP SIDE OF BOARD

