

PSU-10 - Power Module Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	100nF 630V Ceramic	1	C3	RAD0.2N
			NB: Mount on underside for PSU-10 Enclosure	
2	1uF 50V Electrolytic	1	C8	RB-D5.0-P2.0
3	10uF 35V Tantalum	2	C4, C7	RB-D7.5-P5.0
4	10uF 35V Electrolytic	1	C9	RB-D5.0-P2.0
5	22uF 35V Tantalum	1	C5	RB-D9.0-P5.0
6	220uF 25V Electrolytic	3	C1, C2, C6	RB-PD10.0-P5.0
	DIODE			
7	1N4004 200V 1A	2	D2, D3	DIODE-0.4
	HARDWARE			
8	M3 x 10mm Bolt PH	2	HW3, HW6	-
			NB: Insert from solder-side	
9	M3 Nut	2	HW2, HW5	-
10	HEATSINK - TO-220 Type 6021	2	HW1, HW4	-
	LINEAR			
11	LM337 - 1.5A Adjustable Negative Voltage Regulator	1	U3	TO-220
12	LT1085 - 3A +Ve Adjustable Regulator	1	U2	TO-220
13	MGS151215 - Isolated15V 1A DC/DC Converter	1	U1	-
	INDUCTOR			
14	Inductor 12uH 5.7A	1	L1	RB-D9.0-P5.0
15	Ferrite Bead - Wideband	2	L2, L3	AXIAL-0.7
	OPTO-ELECTRONIC			
16	3mm HE-Green LED	2	D1, D4	-
	RESISTOR			
17	10R 1W wirewound	1	R1	-

