

miniRegulator Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	1uF 35V Tantalum	1	C3	RB-D5.0-P5.0
2	10uF 35V Electrolytic	2	C1, C2	RB-D5.0-P2.0
	CONNECTOR			
3	FASTON - 6.3mm x 0.8mm PCB TAB	4	J1, J2, J3, J4	-
4	6.35mm x 0.8mm Female - RA Fully Insulated - Red	4	J1, J2, J3, J4	-
	DIODE			
5	1N4004 200V 1A	1	D1	DIODE-0.4
	HARDWARE			
6	HEATSINK - TO-220 Type 6021	1	U1	-
7	M3 Nut	1	U1	-
8	M3 x 6mm Bolt PH	1	U1	-
	LINEAR			
9	LM317T - 1.5A Adjustable Positive Voltage Regulator	1	U1	TO-220
	INDUCTOR			
10	Ferrite Bead - 0.45uH 7A	1	L1	AXIAL-0.3
	RESISTOR			
11	240R 1% 0.5W Metal Film	1	R2	AXIAL-0.4
12	470R 1% 0.5W Metal Film	1	R1	AXIAL-0.4
			NB: See Build Guide for 'fixed' output	
	TRIMPOT			
13	1K 25TV Cermet	1	P1	T93YA
			NB: See Build Guide for 'fixed' output	
	End of document			