Solitron Devices, Inc. PRODUCT SPECIFICATION

+6 VOLT REGULATOR					TYPE NO. CJSE069			
2% 0°C to +70°C					Si		Ge		NPN		PNP	
CUST. DWG General Purpose	–		REV.		CLASS		TO-3	

DEVICE MARKING — STANDARD ☑

(a) S

(b) CJSE069

(c) DATE CODE

NOTES:
1) Case is V_{in}
2) Pin 2 is Ground
3) Pin 1 is V_{out}

GROUP A AND / OR PERFORMANCE CHARACTERISTICS

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1		SUB I (t = +25°C)			
2	V_O	V_{IN} = 11V I_O = 0	5.94	6.06	V
3	V_O	V_{IN} = 11V I_O = 3.0A	5.94	6.06	V
4	V_O	V_{IN} = 22V I_O = 0	5.94	6.06	V
5	V_O	V_{IN} = 22V I_O = 3.0A	5.94	6.06	V
6	I_{SC}	V_{IN} = 22V V_O = 0		500	mA
7	I_{KNEE}	TYPICAL	4.5		A
8	$I_{IN}-I_{OUT}$	V_{IN} = 22V I_O = 3.0A		50	mA
9	RIPPLE-REJ.	V_{IN} = 13V, I_O=1.0A f=120Hz, V_{AC}=4.0VP-P	55		db
10					
11		SUB II (t = +70°C)			
12	V_O	V_{IN} = 11V I_O = 0	5.88	6.12	V
13	V_O	V_{IN} = 11V I_O = 3.0A	5.88	6.12	V
14	V_O	V_{IN} = 22V I_O = 0	5.88	6.12	V
15	V_O	V_{IN} = 22V I_O = 3.0A	5.88	6.12	V
16		SUB III (t = 0°C)			
17	V_O	V_{IN} = 11V I_O = 0	5.88	6.12	V
18	V_O	V_{IN} = 11V I_O = 3.0A	5.88	6.12	V
19	V_O	V_{IN} = 22V I_O = 0	5.88	6.12	V
20	V_O	V_{IN} = 22V I_O = 3.0A	5.88	6.12	V

SPECIAL REQUIREMENTS