

PRODUCT SPECIFICATION

+20 VOLT REGULATOR

TYPE NO. **CJSE063**

2% 0°C to +70°C

Si ☐ Ge ☐ NPN ☐ PNP ☐

CUST. DWG. **General Purpose**

- REV. ☐

CLASS

TO- 3

DEVICE MARKING

STANDARD ☒

NOTES:

(a) **S**
(b) **CJSE063**
(c) **DATE CODE**

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 ($t = +25^{\circ}\text{C}$)				
2	V_O	$V_{IN} = 25\text{V}$	$I_O = 0$	19.80	20.20	V
3	V_O	$V_{IN} = 25\text{V}$	$I_O = 3.0\text{A}$	19.80	20.20	V
4	V_O	$V_{IN} = 36\text{V}$	$I_O = 0$	19.80	20.20	V
5	V_O	$V_{IN} = 36\text{V}$	$I_O = 3.0\text{A}$	19.80	20.20	V
6	I_{SC}	$V_{IN} = 36\text{V}$	$V_O = 0$		500	mA
7	I_{KNEE}	TYPICAL		4.5		A
8	$I_{IN}-I_{OUT}$	$V_{IN} = 36\text{V}$	$I_O = 3.0\text{A}$		50	mA
9	RIPPLE-REJ.	$V_{IN} = 27\text{V}$, $I = 1.0\text{A}$, $f = 120\text{Hz}$, $V_{AC} = 4.0\text{VP-P}$		55		db
10		SUB II ($t = +70^{\circ}\text{C}$)				
11	V_O	$V_{IN} = 25\text{V}$	$I_O = 0$	19.60	20.40	V
12	V_O	$V_{IN} = 25\text{V}$	$I_O = 3.0\text{A}$	19.60	20.40	V
13	V_O	$V_{IN} = 36\text{V}$	$I_O = 0$	19.60	20.40	V
14	V_O	$V_{IN} = 36\text{V}$	$I_O = 3.0\text{A}$	19.60	20.40	V
15						
16		SUB III ($t = 0^{\circ}\text{C}$)				
17	V_O	$V_{IN} = 25\text{V}$	$I_O = 0$	19.60	20.40	V
18	V_O	$V_{IN} = 25\text{V}$	$I_O = 3.0\text{A}$	19.60	20.40	V
19	V_O	$V_{IN} = 36\text{V}$	$I_O = 0$	19.60	20.40	V
20	V_O	$V_{IN} = 36\text{V}$	$I_O = 3.0\text{A}$	19.60	20.40	V

SPECIAL REQUIREMENTS