



PRODUCT SPECIFICATION

-12 VOLT REGULATOR

TYPE NO. CJSE068

2% 00C to +700C

Si ☐ Ge ☐ NPN ☐ PNP ☐

CUST. DWG General Purpose

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REV.

CLASS

TO- 3

DEVICE MARKING

STANDARD ☒

NOTES:

- (a) **S**
- (b) CJSE068
- (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	$V_{IN} = -17\text{V}$ $I_O = 0$	-11.88	-12.12	V
3	V_O	$V_{IN} = -17\text{V}$ $I_O = 3.0\text{A}$	-11.88	-12.12	V
4	V_O	$V_{IN} = -28\text{V}$ $I_O = 0$	-11.88	-12.12	V
5	V_O	$V_{IN} = -28\text{V}$ $I_O = 3.0\text{A}$	-11.88	-12.12	V
6	I_{SC}	$V_{IN} = -28\text{V}$ $V_O = 0$		500	mA
7	I_{KNEE}	TYPICAL	4.5		A
8	I_{N-IOUT}	$V_{IN} = -28\text{V}$ $I_O = 3.0\text{A}$		50	mA
9	RIPPLE-REJ.	$V_{IN} = -19\text{V}$, $I_O = 1.0\text{A}$, $f = 120\text{Hz}$, $V_{AC} = 4.0\text{V}_{P-P}$	55		dB
10					
11		SUB II ($t = +70^{\circ}\text{C}$)			
12	V_O	$V_{IN} = -17\text{V}$ $I_O = 0$	-11.76	-12.24	V
13	V_O	$V_{IN} = -17\text{V}$ $I_O = 3.0\text{A}$	-11.76	-12.24	V
14	V_O	$V_{IN} = -28\text{V}$ $I_O = 0$	-11.76	-12.24	V
15	V_O	$V_{IN} = -28\text{V}$ $I_O = 3.0\text{A}$	-11.76	-12.24	V
16		SUB III ($t = 0^{\circ}\text{C}$)			
17	V_O	$V_{IN} = -17\text{V}$ $I_O = 0$	-11.76	-12.24	V
18	V_O	$V_{IN} = -17\text{V}$ $I_O = 3.0\text{A}$	-11.76	-12.24	V
19	V_O	$V_{IN} = -28\text{V}$ $I_O = 0$	-11.76	-12.24	V
20	V_O	$V_{IN} = -28\text{V}$ $I_O = 3.0\text{A}$	-11.76	-12.24	V

SPECIAL REQUIREMENTS