

# PRODUCT SPECIFICATION

-15 VOLT REGULATOR

2% 0°C to +70°C

TYPE NO CJSE066

Si ☐ Ge ☐ NPN ☐ PNP ☐

CUST. DWG General Purpose

REV.

CLASS

TO-3

DEVICE MARKING

STANDARD ☒

NOTES:

(a) **S**

(b) CJSE066

(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	$V_O$	$V_{IN} = -20\text{V}$ $I_O = 0$	-14.85	-15.15	V
3	$V_O$	$V_{IN} = -20\text{V}$ $I_O = 3.0\text{A}$	-14.85	-15.15	V
4	$V_O$	$V_{IN} = -31\text{V}$ $I_O = 0$	-14.85	-15.15	V
5	$V_O$	$V_{IN} = -31\text{V}$ $I_O = 3.0\text{A}$	-14.85	-15.15	V
6	$I_{SC}$	$V_{IN} = -31\text{V}$ $V_O = 0$		500	mA
7	$I_{KNEE}$	TYPICAL	4.5		A
8	$I_{IN}-I_{OUT}$	$V_{IN} = -31\text{V}$ $I_O = 3.0\text{A}$		50	mA
9	RIPPLE-REJ.	$V_{IN} = -22\text{V}$ , $I_O = 1.0\text{A}$ , $f = 120\text{Hz}$ , $V_{AC} = 4.0\text{V}_{P-P}$	55		db
10					
11		SUB II ( $t = +70^{\circ}\text{C}$ )			
12	$V_O$	$V_{IN} = -20\text{V}$ $I_O = 0$	-14.70	-15.30	V
13	$V_O$	$V_{IN} = -20\text{V}$ $I_O = 3.0\text{A}$	-14.70	-15.30	V
14	$V_O$	$V_{IN} = -31\text{V}$ $I_O = 0$	-14.70	-15.20	V
15	$V_O$	$V_{IN} = -31\text{V}$ $I_O = 3.0\text{A}$	-14.70	-15.30	V
16		SUB III ( $t = 0^{\circ}\text{C}$ )			
17	$V_O$	$V_{IN} = -20\text{V}$ $I_O = 0$	-14.70	-15.30	V
18	$V_O$	$V_{IN} = -20\text{V}$ $I_O = 3.0\text{A}$	-14.70	-15.30	V
19	$V_O$	$V_{IN} = -31\text{V}$ $I_O = 0$	-14.70	-15.30	V
20	$V_O$	$V_{IN} = -31\text{V}$ $I_O = 3.0\text{A}$	-14.70	-15.30	V

SPECIAL REQUIREMENTS