

-15 VOLT REGULATOR

TYPE NO CJSE066

2% 0°C to +70°C

Si	Ge	NPN	PNP
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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