

PRODUCT SPECIFICATION

+15 VOLTAGE REGULATOR

TYPE NO. **CJSE065**

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) **CJSE065**
(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	$I_{IN-IOUT}$	$V_{IN} = 31\text{V}$	$I_O = 3.0\text{A}$		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	15.30	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