

PRODUCT SPECIFICATION

-6 VOLT REGULATOR

TYPE NO. CJSE070

2% 0°C to +70°C

Si ☐ Ge ☐ NPN ☐ PNP ☐

CUST. DWG General Purpose

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REV.

CLASS

TO-3

DEVICE MARKING

STANDARD ☒

NOTES:

(a)

S

(b)

CJSE070

(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	$V_{IN} = -11\text{V}$	$I_O = 0$	-5.94	-6.06	V
3	V_O	$V_{IN} = -11\text{V}$	$I_O = 3.0\text{A}$	-5.94	-6.06	V
4	V_O	$V_{IN} = -22\text{V}$	$I_O = 0$	-5.94	-6.06	V
5	V_O	$V_{IN} = -22\text{V}$	$I_O = 3.0\text{A}$	-5.94	-6.06	V
6	I_{SC}	$V_{IN} = -22\text{V}$	$V_O = 0$		500	mA
7	I_{KNEE}	TYPICAL		4.5		A
8	I_{N-IOUT}	$V_{IN} = -22\text{V}$	$I_O = 3.0\text{A}$		50	mA
9	RIPPLE REJ.	$V_{IN} = -13\text{V}$, $I_O = 1.0\text{A}$, $f = 120\text{Hz}$, $V_{AC} = 4.0\text{VP-P}$		55		db
10						
11		SUB II ($t = +70^{\circ}\text{C}$)				
12	V_O	$V_{IN} = -11\text{V}$	$I_O = 0$	-5.88	-6.12	V
13	V_O	$V_{IN} = -11\text{V}$	$I_O = 3.0\text{A}$	-5.88	-6.12	V
14	V_O	$V_{IN} = -22\text{V}$	$I_O = 0$	-5.88	-6.12	V
15	V_O	$V_{IN} = -22\text{V}$	$I_O = 3.0\text{A}$	-5.88	-6.12	V
16		SUB III ($t = 0^{\circ}\text{C}$)				
17	V_O	$V_{IN} = 11\text{V}$	$I_O = 0$	-5.88	-6.12	V
18	V_O	$V_{IN} = 11\text{V}$	$I_O = 3.0\text{A}$	-5.88	-6.12	V
19	V_O	$V_{IN} = -22\text{V}$	$I_O = 0$	-5.88	-6.12	V
20	V_O	$V_{IN} = -22\text{V}$	$I_O = 3.0\text{A}$	-5.88	-6.12	V

SPECIAL REQUIREMENTS