

PRODUCT SPECIFICATION

-6 VOLT REGULATOR

2% 0°C to +70°C

TYPE NO. CJSE070

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

SPECIAL REQUIREMENTS