

-24 VOLT REGULATOR

TYPE NO. CJSE062

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**

1) Case is V_{in}

(b) CJSE062

2) Pin 2 is Ground

(c) DATE CODE

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_0	$V_{IN} = -29\text{V}$ $I_0 = 0$	-23.76	-24.24	V
3	V_0	$V_{IN} = -29\text{V}$ $I_0 = 3.0\text{A}$	-23.76	-24.24	V
4	V_0	$V_{IN} = -40\text{V}$ $I_0 = 0$	-23.76	-24.24	V
5	V_0	$V_{IN} = -40\text{V}$ $I_0 = 3.0\text{A}$	-23.76	-24.24	V
6	ISC	$V_{IN} = -40\text{V}$ $V_0 = 0$		500	mA
7	IKNEE	TYPICAL		4.5	A
8	$I_{IN}-I_{OUT}$	$V_{IN} = -40\text{V}$ $I_0 = 3.0\text{A}$		50	mA
9	RIPPLE-REJ.	$V_{IN} = -31\text{V}$, $I_0 = 1.0\text{A}$, $f = 120\text{Hz}$, $V_{AC} = 4.0\text{V}_{P-P}$	55		db
10					
11		SUB II ($t = +70^{\circ}\text{C}$)			
12	V_0	$V_{IN} = -29\text{V}$ $I_0 = 0$	-23.52	-24.48	V
13	V_0	$V_{IN} = -29\text{V}$ $I_0 = 3.0\text{A}$	-23.52	-24.48	V
14	V_0	$V_{IN} = -40\text{V}$ $I_0 = 0$	-23.52	-24.48	V
15	V_0	$V_{IN} = -40\text{V}$ $I_0 = 3.0\text{A}$	-23.52	-24.48	V
16		SUB III ($t = 0^{\circ}\text{C}$)			
17	V_0	$V_{IN} = -29\text{V}$ $I_0 = 0$	-23.52	-24.48	V
18	V_0	$V_{IN} = -29\text{V}$ $I_0 = 3.0\text{A}$	-23.52	-24.48	V
19	V_0	$V_{IN} = -40\text{V}$ $I_0 = 0$	-23.52	-24.48	V
20	V_0	$V_{IN} = -40\text{V}$ $I_0 = 3.0\text{A}$			

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SPECIAL REQUIREMENTS