

+24 VOLT REGULATOR

TYPE NO. **CJSE061**

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**

1) Case is V_{in}

(b) **CJSE061**

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

SPECIAL REQUIREMENTS