

PRODUCT SPECIFICATION

-12 VOLT REGULATOR

TYPE NO. CJSE046

2% -55°C TO +125°C

Si

Ge

NPN

PNP

CUST. DWG. DataSheet4U.com

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REV.

CLASS

TO-3

DEVICE MARKING

STANDARD ☒

(a) **S**

(b) CJSE046

(c) DATE CODE

NOTES:

- 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	$V_{IN} = -16V$ $I_O = 0$	-11.88	-12.12	V
3	V_O	$V_{IN} = -16V$ $I_O = 3.0A$	-11.88	-12.12	V
4	V_O	$V_{IN} = -28V$ $I_O = 0$	-11.88	-12.12	
5	V_O	$V_{IN} = -28V$ $I_O = 3.0A$	-11.88	-12.12	
6	I_{SC}	$V_{IN} = -28V$ $V_O = 0$		500	MA
7	I_K	$V_{IN} = -28V$ TYPICAL	5.0		A
8	$I_N - I_{OUT}$	$V_{IN} = -28V$ $I_O = 3.0A$		50	MA
9	RIPPLE-REJ.	$V_{IN} = -19V$, $I_O = 1.0A$, $f = 120Hz$, $V_R = 4VP-P$	55		db
10					
11		SUB II (T = +125°C)			
12	V_O	$V_{IN} = -16V$ $I_O = 0$	-11.76	-12.24	V
13	V_O	$V_{IN} = -16V$ $I_O = 3.0A$	-11.76	-12.24	V
14	V_O	$V_{IN} = -28V$ $I_O = 0$	-11.76	-12.24	V
15	V_O	$V_{IN} = -28V$ $I_O = 3.0A$	-11.76	-12.24	
16		SUB III (T = -55°C)			
17	V_O	$V_{IN} = -16V$ $I_O = 0$	-11.76	-12.24	V
18	V_O	$V_{IN} = -16V$ $I_O = 3.0A$	-11.76	-12.24	V
19	V_O	$V_{IN} = -28V$ $I_O = 0$	-11.76	-12.24	V
20	V_O	$V_{IN} = -28V$ $I_O = 3.0A$	-11.76	-12.24	V

SPECIAL REQUIREMENTS