

PRODUCT SPECIFICATION

-12 VOLT REGULATOR

TYPE NO CJSE045

3% -55°C TO +125°C

Si ☐ Ge ☐ NPN ☐ PNP ☐

CUST. DWG

REV.

CLASS

TO-3

DEVICE MARKING

STANDARD ☒

(a) **S**
(b) CJSE045

(c) DATE CODE

NOTES:

- 1.) CASE IS VIN
- 2.) PIN 2 IS GROUND
- 3.) PIN 1 IS VOUT

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 =VP-P	55		db
10					
11		SUB II (T = +125°C)			
12	V _O	V _{IN} = -16V I _O = 0	-11.64	-12.36	V
13	V _O	V _{IN} = -16V I _O = 3.0A	-11.64	-12.36	V
14	V _O	V _{IN} = -28V I _O = 0	-11.64	-12.36	V
15	V _O	V _{IN} = -28V I _O = 3.0A	-11.54	-12.36	
16		SUB III (T = -55°C)			
17	V _O	V _{IN} = -16V I _O = 0	-11.64	-12.36	V
18	V _O	V _{IN} = -16V I _O = 3.0A	-11.64	-12.36	V
19	V _O	V _{IN} = -28V I _O = 0	-11.64	-12.36	V
20	V _O	V _{IN} = -28V I _O = 3.0A			

SPECIAL REQUIREMENTS