



# PRODUCT SPECIFICATION

+15 VOLTAGE REGULATOR

TYPE NO. CJSE003

2% -55°C TO +125°C

Si ☐ Ge ☐ NPN ☐ PNP ☐

CUST. GENERAL PURPOSE

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REV.

CLASS

TO- 3

DEVICE MARKING

STANDARD ☐

NOTES:

(a) **S**

1) Case is  $V_{in}$

(b) CJSE003

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	$V_O$	$V_{IN} = 19V$ $I_O = 0$	14.85	15.15	V
3	$V_O$	$V_{IN} = 19V$ $I_O = 3.0A$	14.85	15.15	V
4	$V_O$	$V_{IN} = 31V$ $I_O = 0$	14.85	15.15	V
5	$V_O$	$V_{IN} = 31V$ $I_O = 3.0A$	14.85	15.15	V
6	$I_{SC}$	$V_{IN} = 31V$ $V_O = 0$		500	MA
7	$I_{KNEE}$	TYPICAL	4.5		A
8	$I_{IN-IOUT}$	$V_{IN} = 31V$ $I_O = 3.0A$		50	MA
9	RIPPLE-REJ.	$V_{IN} = 22V$ , $I_O = 1.0A$ , $f = 120Hz$ , $V_{AC} = 4.0VP-P$	55		db
10					
11		SUB II (t = +125°C)			
12	$V_O$	$V_{IN} = 19V$ $I_O = 0$	14.70	15.30	V
13	$V_O$	$V_{IN} = 19V$ $I_O = 3.0A$	14.70	15.30	V
14	$V_O$	$V_{IN} = 31V$ $I_O = 0$	14.70	15.30	V
15	$V_O$	$V_{IN} = 31V$ $I_O = 3.0A$	14.70	15.30	V
16		SUB III (t = -55°C)			
17	$V_O$	$V_{IN} = 19V$ $I_O = 0$	14.70	15.30	V
18	$V_O$	$V_{IN} = 19V$ $I_O = 3.0A$	14.70	15.30	V
19	$V_O$	$V_{IN} = 31V$ $I_O = 0$	14.70	15.30	V
20	$V_O$	$V_{IN} = 31V$ $I_O = 3.0A$	14.70	15.30	V

SPECIAL REQUIREMENTS