

+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

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SPECIAL REQUIREMENTS