



DC COMPONENTS CO., LTD.
INTEGRATED CIRCUIT

DE7815
DE7815A

TECHNICAL SPECIFICATIONS OF 3-TERMINAL POSITIVE VOLTAGE REGULATOR

Description

These regulators employ internal current limiting and thermal shutdown, making them essentially indestructible. They can deliver over 1A output current with adequate heatsinking. They are intended as fixed voltage regulators in a wide range of applications including local, on-card regulation for elimination of noise and distribution problems associated with single-point regulation.

Pinning

- 1 = Input
- 2 = Ground
- 3 = Output

Absolute Maximum Ratings (TA=25°C)

Characteristic	Symbol	Rating	Unit
Input Voltage	Vi	35	V
Total Power Dissipation	Pd	Internal limit	W
Operating Temperature Range	Topr	0 to +125	°C
Maximum Junction Temperature	TJ	125	°C
Storage Temperature Range	Tstg	-55 to +150	°C
Lead Temperature(Soldering 10 Sec.)	TL	230	°C

