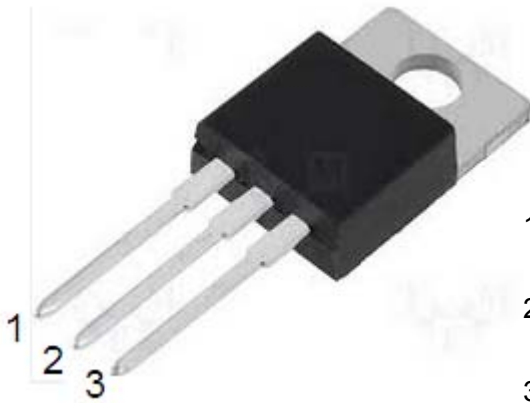


1.2A 3-Terminal Positive Voltage Regulator ME7805

General Description

ME7805 is three-terminal positive regulators. One of these regulators can deliver up to 1.2A of output current. The internal limiting and thermal-shutdown features of the regulator make them essentially immune to overload. When used as a replacement for a zener diode-resistor combination, an effective improvement in output impedance can be obtained, together with lower quiescent current.

Pin Configuration



1. Input
2. GND
3. Output

Maximum Ratings(Ta=25°C)

Parameter	Rating	Unit
Input supply voltage : VIN	35	V
MAX. Output current:I _{out}	1200	mA
Maximum junction temperature: T _j	-25~125	°C
Storage temperature :T _{str}	-65~150	°C
Soldering temperature and time	+260 (Recommended 10S)	°C

Caution: The absolute maximum ratings are rated values exceeding which the product could suffer physical damage.

These values must therefore not be exceeded under any conditions.