

VOLTAGE-LIMITING AND REVERSE POLARITY SERIES TYPE LED DEVICE

ABSTRACT

5 The present invention provides LEDs and zener diodes that are
homo-polar and connected in parallel to constitute the first set of LED and
zener diode and a second set of LED and zener diode; the first LED and
zener diode set and the second LED and zener diode assume a reverse
polarity series connection to constitute the voltage-limiting and reverse
10 polarity series type LED device; through the selection of connecting pins,
it is used on direct current power source or alternating current power
source which is its characteristics.

Figure 1