

# Power Transistor Array SLA8004

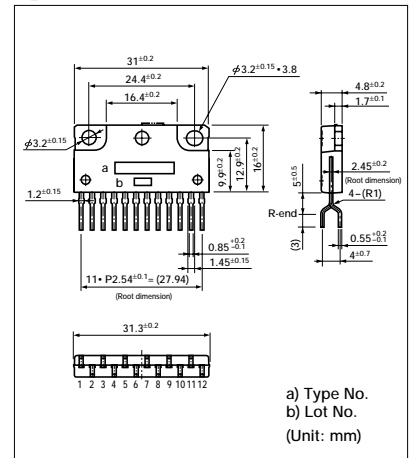
## Absolute Maximum Ratings (Ta=25°C)

Symbol	Ratings		Unit
	NPN	PNP	
V <sub>CB0</sub>	60	-55	V
V <sub>CE0</sub>	60	-55	V
V <sub>EB0</sub>	6	-6	V
I <sub>C</sub>	12	-12	A
I <sub>B</sub>	3	-3	A
P <sub>T</sub>	5 (T <sub>C</sub> =25°C, No Fin)		W
	40 (T <sub>C</sub> =25°C)		W
T <sub>J</sub>	150		°C
T <sub>stg</sub>	-55 to +150		°C

## Electrical Characteristics (Ta=25°C)

Symbol	NPN		PNP		Unit
	Test Conditions	Ratings	Test Conditions	Ratings	
I <sub>CB0</sub>	V <sub>CB</sub> = 60V	100max	V <sub>CB</sub> = -55V	-100max	μA
I <sub>EB0</sub>	V <sub>EB</sub> = 6V	60max	V <sub>EB</sub> = -6V	-60max	mA
V <sub>CE0</sub>	I <sub>C</sub> = 25mA	60min	I <sub>C</sub> = -25mA	-55min	V
h <sub>FE</sub>	V <sub>CE</sub> = 1V, I <sub>C</sub> = 3A	150min	V <sub>CE</sub> = -1V, I <sub>C</sub> = -3A	80min	
V <sub>CE (sat)</sub>	I <sub>C</sub> = 6A, I <sub>B</sub> = 0.3A	0.35max	I <sub>C</sub> = -6A, I <sub>B</sub> = -0.3A	-0.35max	V
V <sub>FEC</sub>	I <sub>FEC</sub> = 10A	2.5max	I <sub>FEC</sub> = 10A	2.5max	V

## External Dimensions SLA (LF817)



## Equivalent Circuit Diagram

