

Power Transistor Array SLA8004

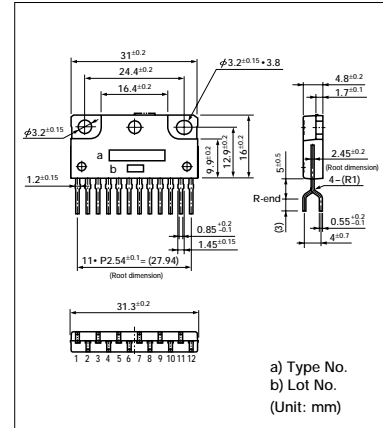
Absolute Maximum Ratings (Ta=25°C)

Symbol	Ratings		Unit
	NPN	PNP	
VcBo	60	-55	V
VcEO	60	-55	V
VEBO	6	-6	V
Ic	12	-12	A
Ib	3	-3	A
P _T	5 (T _C =25°C, No Fin)		W
	40 (T _C =25°C)		W
T _J	150		°C
Tstg	-55 to +150		°C

Electrical Characteristics (Ta=25°C)

Symbol	NPN		PNP		Unit
	Test Conditions	Ratings	Test Conditions	Ratings	
IcBo	V _{CB} = 60V	100max	V _{CB} = -55V	-100max	μA
IeBo	V _{EB} = 6V	60max	V _{EB} = -6V	-60max	mA
VcEO	I _C = 25mA	60min	I _C = -25mA	-55min	V
h _{FE}	V _{CE} = 1V, I _C = 3A	150min	V _{CE} = -1V, I _C = -3A	80min	
V _{CE} (sat)	I _C = 6A, I _B = 0.3A	0.35max	I _C = -6A, I _B = -0.3A	-0.35max	V
V _{FEC}	I _{FEC} = 10A	2.5max	I _{FEC} = 10A	2.5max	V

External Dimensions SLA (LF817)



Equivalent Circuit Diagram

