

Power Transistor 2SD2633

Absolute Maximum Ratings (Ta=25°C)

Symbol	Ratings	Unit
V _{CB0}	200	V
V _{CE0}	150	V
V _{EB0}	6	V
I _C	8	A
I _B	1	A
P _C	35 (T _C =25°C) 2 (T _a =25°C, No Fin)	W
T _J	150	°C
T _{stg}	-55 to +150	°C

Electrical Characteristics (Ta=25°C)

Symbol	Test Conditions	Ratings	Unit
I _{CB0}	V _{CB} =200V	100max	μA
I _{EB0}	V _{EB} =6V	10max	mA
V _{CE0}	I _C =50mA	150min	V
h _{FE}	V _{CE} =2V, I _C =6A	2000min	
V _{CE} (sat)	I _C =6A, I _B =6mA	1.5max	V
V _{BE} (sat)	I _C =6A, I _B =6mA	2.0max	V

External Dimensions TO220F (full-mold)

