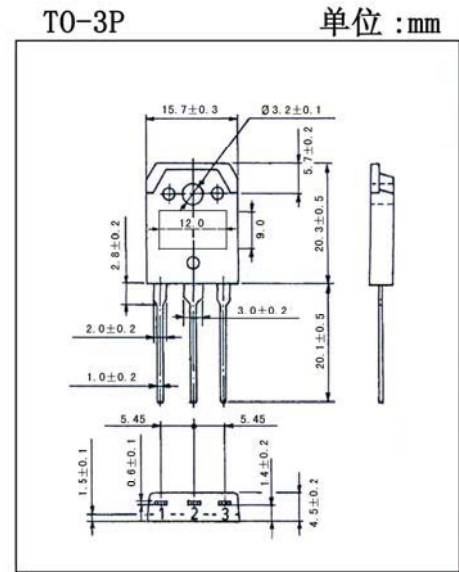


Purpose: Power amplifier applications.

Features: Recommend for 100W high fidelity audio frequency amplifier output stage, Complementary to FTC5200.

Absolute maximum ratings(Ta=25°C)

Symbol	Rating	Unit
V _{CB0}	-230	V
V _{CE0}	-230	V
V _{EBO}	-5	V
I _C	-15	A
I _{CP}	-30	A
I _B	-1.5	A
P _{C(TC=25°C)}	150	W
T _j	150	°C
T _{stg}	-55~150	°C



引脚: 1.B 2.C 3.E

Electrical characteristics(Ta=25°C)

Symbol	Test condition	Rating			Unit
		Min	Typ	Max	
V _{CE0}	I _C =-50mA I _B =0	-230			V
I _{CB0}	V _{CB} =-230V I _E =0			-5	μ A
I _{EBO}	V _{EB} =-5.0V I _C =0			-5	μ A
h _{FE(1)}	V _{CE} =-5.0V I _C =-1.0A	55		160	
h _{FE(2)}	V _{CE} =-5.0V I _C =-7.0A	35	60		
V _{CE(sat)}	I _C =-8.0A I _B =-0.8A		-1.5	-3	V
V _{BE}	V _{CE} =-5.0V I _C =-7.0A		-1	-1.5	V
f _T	V _{CE} =-5.0V I _C =-1.0A		30		MHz
C _{ob}	V _{CB} =-10V I _E =0 f=1.0MHz		360		pF

h_{FE(1)} Classifications: R:55~110 0:80~160



Typical Characteristics

