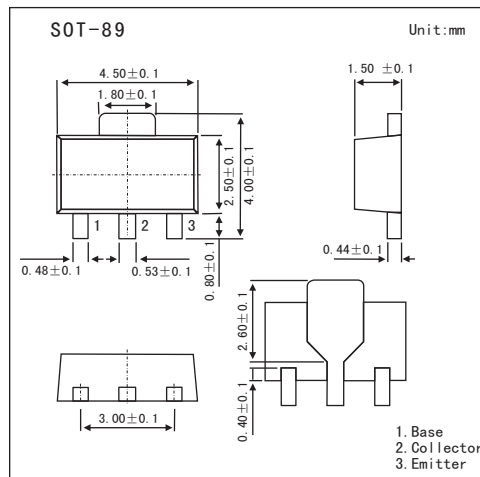


KTA1662

Features

- Small Flat Package.
- Complementary to KTC4374.



Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Collector-base voltage	V _{CB0}	-80	V
Collector-emitter voltage	V _{CEO}	-80	V
Emitter-base voltage	V _{EBO}	-5	V
Collector current	I _C	-0.4	A
Collector power dissipation	P _C	500	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to 150	°C

Electrical Characteristics Ta = 25°C

Parameter	Symbol	Test conditons	Min	Typ	Max	Unit
Collector-base breakdown voltage	V _{(BR)CBO}	I _C =-1mA, I _E =0	-80			
Collector-emitter breakdown voltage	V _{(BR)CEO}	I _C =-10mA, I _B =0	-80			V
Emitter-base breakdown voltage	V _{(BR)EBO}	I _E =-1mA, I _C =0	-5			
Collector cut-off current	I _{CBO}	V _{CB} = -80 V, I _E = 0			-0.1	μA
Emitter cut-off current	I _{EBO}	V _{EB} = -5 V, I _C = 0			-0.1	μA
DC current gain	h _{FE}	V _{CE} = -2 V, I _C = -50mA	70		240	
		V _{CE} = -2 V, I _C = -200m A	40			
Collector-emitter saturation voltage	V _{CE(sat)}	I _C = -200mA, I _B = -20mA			-0.4	V
Base-emitter voltage	V _{BE}	V _{CE} =-2V, I _C =-5mA			-1.2	V
Transition frequency	f _T	V _{CE} =-10V, I _C =-10mA		120		MHz
Collector output capacitance	C _{ob}	V _{CB} =-10V, I _E =0, f=1MHz		14		

hFE Classification

Marking	FO	FY
Rank	O	Y
Range	70~140	120~240