2SA1767

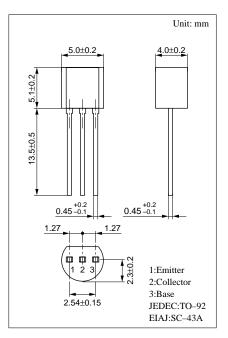
Silicon PNP epitaxial planer type

For general amplification Complementary to 2SC1473A

Features

• High collector to emitter voltage V_{CEO}.

Absolute Maximum Ratings (Ta=25°C)							
Parameter	Symbol	Ratings	Unit				
Collector to base voltage	V _{CBO}	-300	V				
Collector to emitter voltage	V _{CEO}	-300	V				
Emitter to base voltage	V _{EBO}	-5	V				
Peak collector current	I _{CP}	-100	mA				
Collector current	I _C	-70	mA				
Collector power dissipation	P _C	750	mW				
Junction temperature	Tj	150	°C				
Storage temperature	T _{stg}	-55 ~ +150	°C				



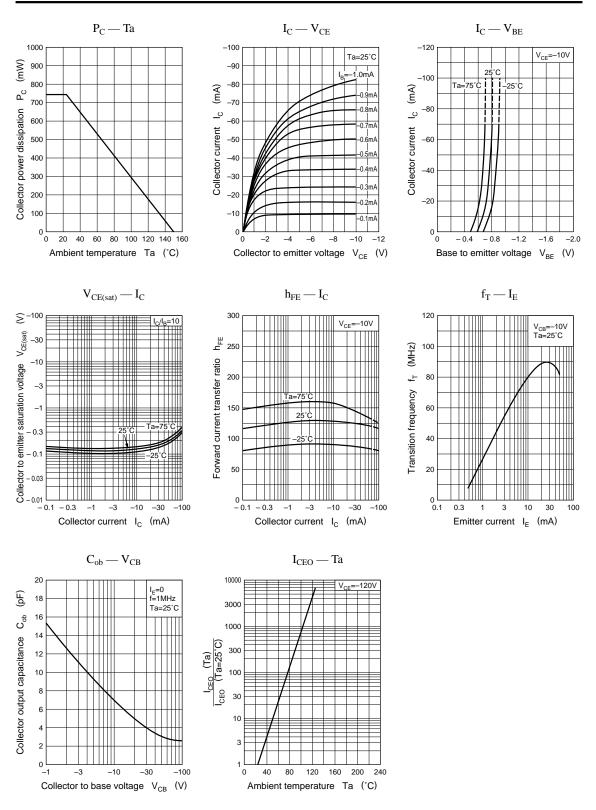
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Electrical Characteristics (Ta=25°C)

Parameter	Symbol	Conditions	min	typ	max	Unit
Collector to emitter voltage	V _{CEO}	$I_{C} = -100 \mu A$, $I_{B} = 0$	-300			V
Emitter to base voltage	V _{EBO}	$I_{\rm E} = -1\mu A, I_{\rm C} = 0$	-5			V
Forward current transfer ratio	h _{FE} *	$V_{CE} = -10V, I_C = -5mA$	60		150	
Collector to emitter saturation voltage	V _{CE(sat)}	$I_{\rm C} = -10 {\rm mA}, I_{\rm B} = -1 {\rm mA}$			- 0.6	V
Transition frequency	f_{T}	$V_{CB} = -10V$, $I_E = 10mA$, $f = 200MHz$		50		MHz
Collector output capacitance	C _{ob}	$V_{CB} = -10V, I_E = 0, f = 1MHz$		7		pF

*hFE Rank classification

Rank	Q		
\mathbf{h}_{FE}	60 ~ 150		



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