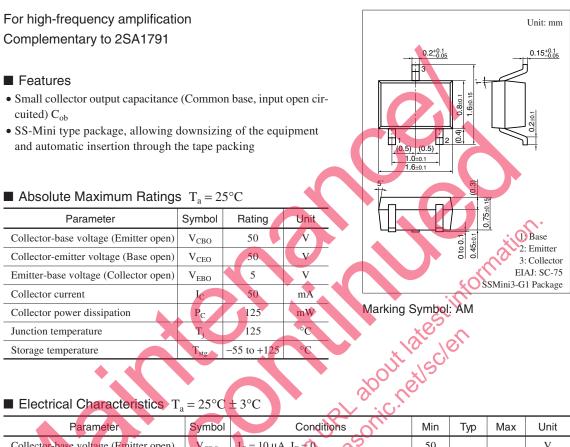
2SC4656

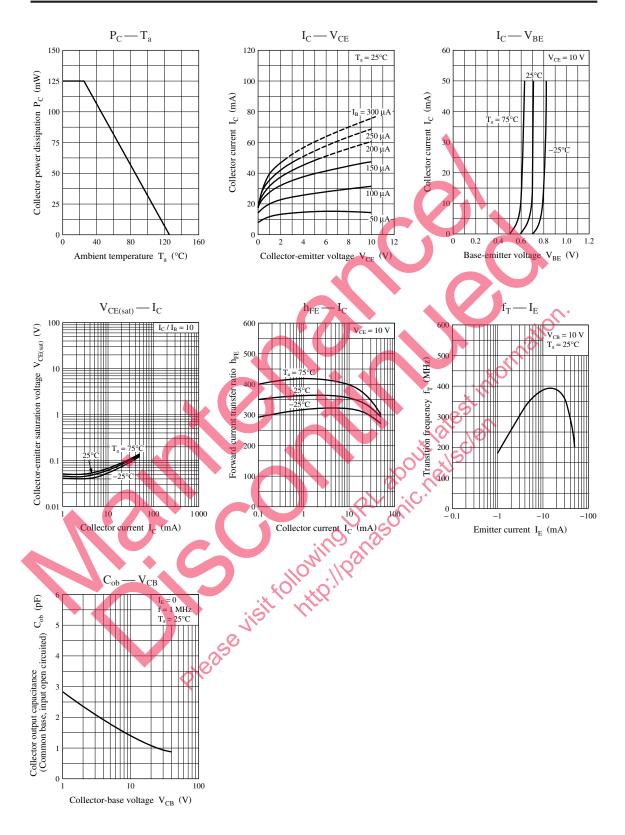
Silicon NPN epitaxial planar type



Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Collector-base voltage (Emitter open)	V _{CBO}	$I_{\rm C} = 10 \ \mu A, I_{\rm E} = 0$	50			V
Collector-emitter voltage (Base open)	V _{CEO}	$I_C = 1 \text{ mA}, I_B = 0$	50			V
Emitter-base voltage (Collector open)	Уево	$I_{\rm E} = 10 \mu \text{\AA}, I_{\rm C} = 0$	5			V
Collector-base cutoff current (Emitter open)	I _{CBO}	$V_{CB} = 10 V, I_{P} = 0$			0.1	μΑ
Collector-emitter cutoff current (Base open)	I _{CEO} ,	$\mathbf{V}_{\text{CE}} = 10 \mathbf{V}, \mathbf{I}_{\text{B}} = 0$			100	μΑ
Forward current transfer ratio *	h _{FE}	$V_{CE} = 10 \text{ V}, I_C = 2 \text{ mA}$	200		500	_
Collector-emitter saturation voltage	V _{CE(sat)}	$I_{C} = 10 \text{ mA}, I_{B} = 1 \text{ mA}$		0.06	0.30	V
Transition frequency	f _T	$V_{CB} = 10 \text{ V}, I_E = -2 \text{ mA}, f = 200 \text{ MHz}$		250		MHz
Collector output capacitance	C _{ob}	$V_{CB} = 10 \text{ V}, I_E = 0, f = 1 \text{ MHz}$		1.5		pF
(Common base, input open circuited)						

Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7030 measuring methods for transistors. 2. *: Rank classification

Rank	Q	R
h _{FE}	200 to 400	250 to 500



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