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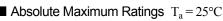
Silicon PNP epitaxial planar type

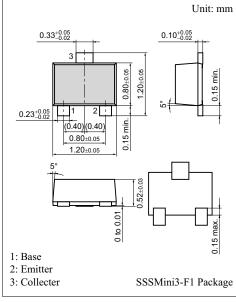
For general amplification Complementary to 2SC6036

Features

- \bullet Low collector-emitter saturation voltage $V_{\mbox{CE(sat)}}$
- SSS-Mini type package, allowing downsizing of the equipment and automatic insertion through the tape packing

Absolute Maximum Ratings T_a	=25°C				
Parameter	Symbol Rating		Unit		
Collector-base voltage (Emitter open)	V _{CBO}	-15	V		
Collector-emitter voltage (Base open)	V _{CEO}	-12	V		
Emitter-base voltage (Collector open)	V _{EBO}	-5	V		
Collector current	I _C	-500	mA		
Peak collector current	I _{CP}	-1	A		
Collector power dissipation	P _C	100	mW		
Junction temperature	Tj	125	°C		
Storage temperature	T _{stg}	-55 to +125	°C		
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Marking Symbol : 2U

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Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

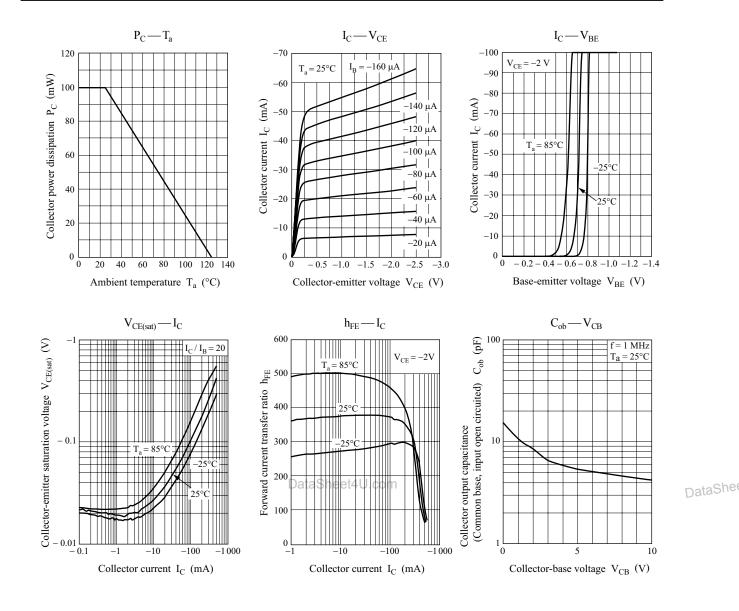
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Collector-base voltage (Emitter open)	V _{CBO}	$I_{\rm C} = -10 \ \mu {\rm A}, \ I_{\rm E} = 0$	-15			V
Collector-emitter voltage (Base open)	V _{CEO}	$I_{\rm C} = -1 {\rm mA}, I_{\rm B} = 0$	-12			V
Emitter-base voltage (Collector open)	V _{EBO}	$I_{\rm E} = -10 \mu {\rm A}, I_{\rm C} = 0$	-5			V
Collector-base cutoff current (Emitter open)	I _{CBO}	$V_{CB} = -10 \text{ V}, I_E = 0$			- 0.1	μΑ
Forward current transfer ratio	h _{FE}	$V_{CE} = -2 V, I_C = -10 mA$	270		680	
Collector-emitter saturation voltage	V _{CE(sat)}	$I_{\rm C} = -200 \text{ mA}, I_{\rm B} = -10 \text{ mA}$			-250	mV
Transition frequency	\mathbf{f}_{T}	$V_{CB} = -2 V, I_E = 10 mA, f = 200 MHz$		200		MHz
Collector output capacitance (Common base, input open circuited)	C _{ob}	$V_{CB} = -10 \text{ V}, f = 1 \text{ MHz}$		4.5		pF

Note) Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7030 measuring methods for transistors.

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