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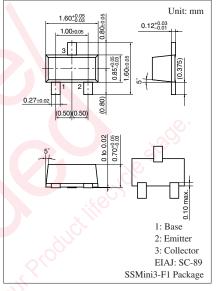
Silicon PNP epitaxial planar type

For high breakdown voltage low-frequency amplification

Features

- High collector-emitter voltage (Base open) V_{CEO}
- SS-Mini type package, allowing downsizing of the equipment and automatic insertion through the tape packing

Absolute Maximum Ratings $T_a = 25^{\circ}C$							
Parameter	Symbol	Rating	Unit				
Collector-base voltage (Emitter open)	V _{CBO}	-100	V				
Collector-emitter voltage (Base open)	V _{CEO}	-100	V				
Emitter-base voltage (Collector open)	V _{EBO}	-5	v				
Collector current	I _C	-20	mA				
Peak collector current	I _{CP}	-50	mA				
Collector power dissipation	P _C	125	mW				
Junction temperature	Tj	125	°C				
Storage temperature	T _{stg}	-55 to +125	°C				



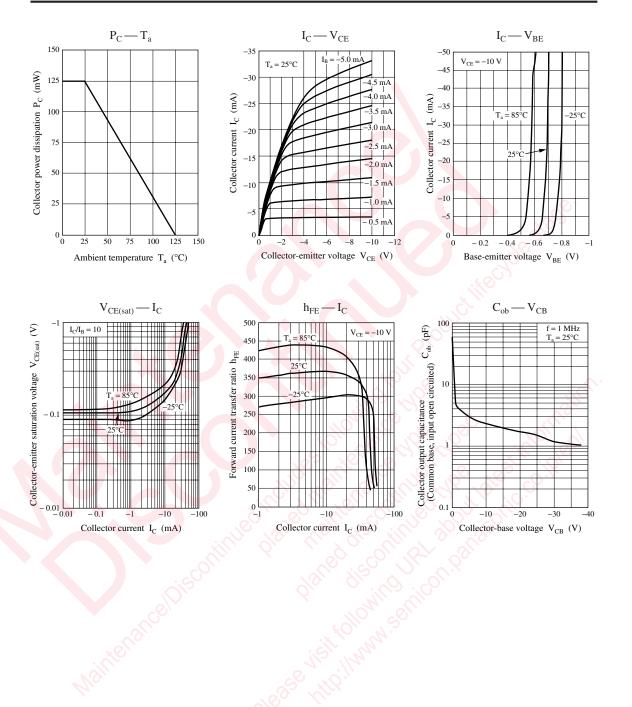
Marking Symbol: 4R

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}	$I_{\rm C} = -10 \ \mu A, \ I_{\rm E} = 0$	-100			V
Collector-emitter voltage (Base open)	V _{CEO}	$I_{\rm C} = -1 \text{ mA}, I_{\rm B} = 0$	-100			V
Emitter-base voltage (Collector open)	V _{EBO}	$I_{\rm E} = -10 \ \mu A, I_{\rm C} = 0$	-5			V
Collector-base cutoff current (Emitter open)	I _{CBO}	$V_{CB} = -50 \text{ V}, I_E = 0$			-100	nA
Collector-emitter cut-off current (Base open)	I _{CEO}	$V_{CE} = -50 \text{ V}, I_B = 0$			-1	μΑ
Forward current transfer ratio	h _{FE}	$V_{CE} = -10 \text{ V}, I_C = -2 \text{ mA}$	200		700	_
Collector-emitter saturation voltage	V _{CE(sat)}	$I_{\rm C} = -10 \text{ mA}, I_{\rm B} = -1 \text{ mA}$			- 0.3	V
Transition frequency	f _T	$V_{CB} = -5 V, I_E = 2 mA, f = 200 MHz$		200		MHz

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

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