查询2SC4910供应商 Ordering number:EN4411

捷多邦,专业PCB打样工厂,24小时加急出货

NPN Epitaxial Planar Silicon Transistor

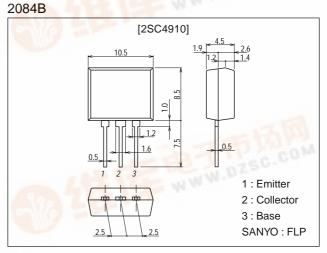


Features

· On-chip emitter ballast resistors.

Package Dimensions

unit:mm



Specifications

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Collector-to-Base Voltage	VCBO		38	V
Collector-to-Emitter Voltage	VCEO		18	V
Emitter-to-Base Voltage	V _{EBO}		3	V
Collector Current	IC		0.75	A
Collector Current (Pulse)	ICP	1 A. A. C.	1.2	А
Base Current	IB		150	mA
Collector Dissipation	PC		1.5	W
Junction Temperature	Tj		150	°C
Storage Temperature	Tstg		-55 to +150	°C

Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Unit
Collector Cutoff Current	ICBO	V _{CB} =30V, I _E =0			50	μΑ
Emitter Cutoff Current	IEBO	V _{EB} =2V, I _C =0		1.75	50	μA
DC Current Gain	h _{FE}	V _{CE} =10V, I _C =200mA	20		200	10.00
Collector-to-Base Breakdown Voltage	V(BR)CBO	I _C =100μA, I _E =0	38	10.04		V
Collector-to-Emitter Breakdown Voltage	V(BR)CEO	I _C =1mA, R _{BE} =∞	18			V
Emitter-to-Base Breakdown Voltage	V _{(BR)EBO}	I _E =100μA, I _C =0	3			V

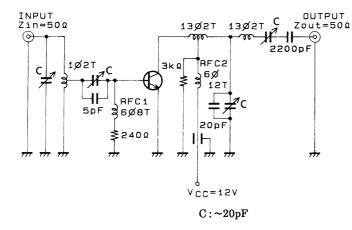
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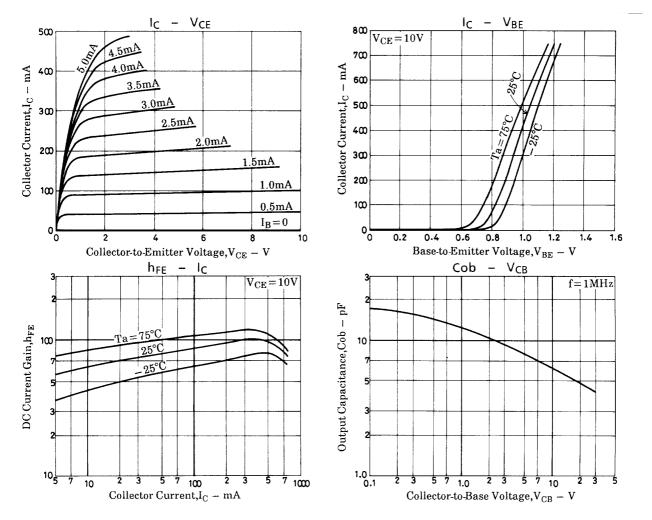
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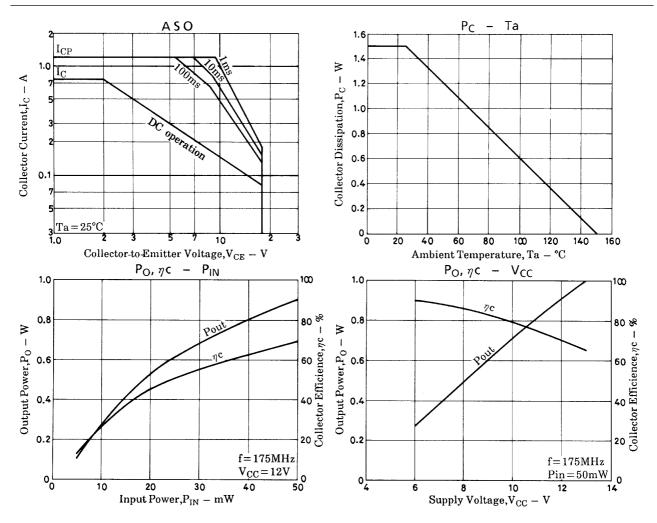
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Offic
Output Capacitance	Cob	V _{CB} =10V, f=1MHz		6	10	pF
Output Power	PO	V _{CC} =12V, f=175MHz, P _{IN} =50mW	0.7	0.9		W
Collector Efficiency	ηc	See specified Test Circuit.	55	70		%

Collector Efficiency Test Circuit

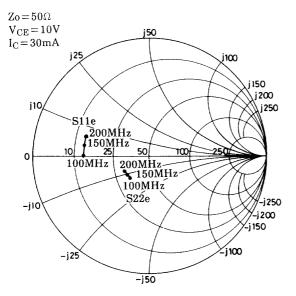




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S parameter



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