查询EC3202C供应商

捷多邦,专业PCB打样工厂,24小时加急出货

Ordering number : ENN6798

NPN Epitaxial Planar Silicon Transistor

WWW.DZSC.COM



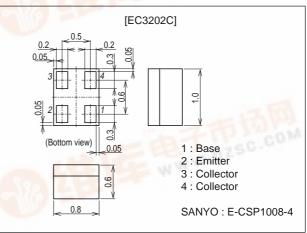
Features

- · Ultrasmall-sized package, facilitates miniaturization in end products.
- · Low output capacitance.
- Low collector-to-emitter saturation voltage. WWW.DZSC.COM
- · Low ON-resistance.

Package Dimensions

unit : mm





Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Collector-to-Base Voltage	VCBO		25	V
Collector-to-Emitter Voltage	VCEO		15	V
Emitter-to-Base Voltage	VEBO		5	V
Collector Current	IC		100	mA
Collector Current (Pulse)	ICP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200	mA
Base Current	IB		20	mA
Collector Dissipation	PC		150	mW
Junction Temperature	Tj	1 60 60 00	150	°C
Storage Temperature	Tstg		-55 to +150	°C

Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
	Gymbol		min	typ	max	Onit
Collector Cutoff Current	ICBO	V _{CB} =15V, I _E =0			0.1	μΑ
Emitter Cutoff Current	IEBO	VEB=4V, IC=0	1.00	-	0.1	μA
DC Current Gain	hFE	V _{CE} =2V, I _C =5mA	800	2-1	3200	COM
Gain-Bandwidth Product	fT	V _{CE} =5V, I _C =10mA		240	0220	MHz
Output Capacitance	Cob	V _{CB} =10V, f=1MHz	551	3		pF

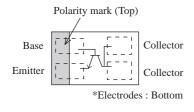
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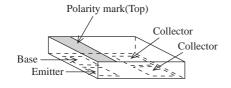
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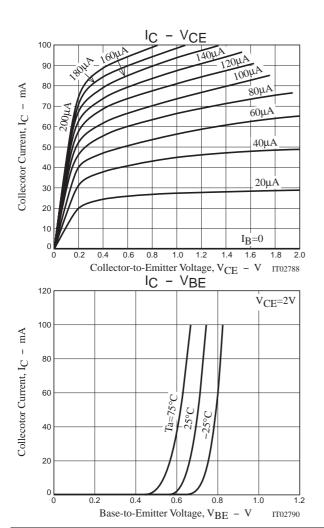
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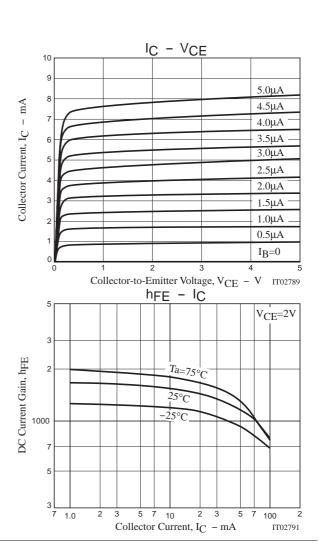
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Offic
Collector-to-Emitter Saturation Voltage	VCE(sat)	IC=10mA, IB=1mA		14	30	mV
Base-to-Emitter Saturation Voltage	V _{BE} (sat)	IC=10mA, IB=1mA		0.74	1.1	V
Collector-to-Base Breakdown Voltage	V(BR)CBO	I _C =(-)10μA, I _E =0	25			V
Collector-to-Emitter Breakdown Voltage	V(BR)CEO	IC=1mA, RBE=∞	15			V
Emitter-to-Base Breakdown Voltage	V(BR)EBO	I _E =(-)10μA, I _C =0	5			V
On-Resistance	Ron	I _B =3mA, f=1MHz		0.9		Ω

Electrical Connection (Top view)

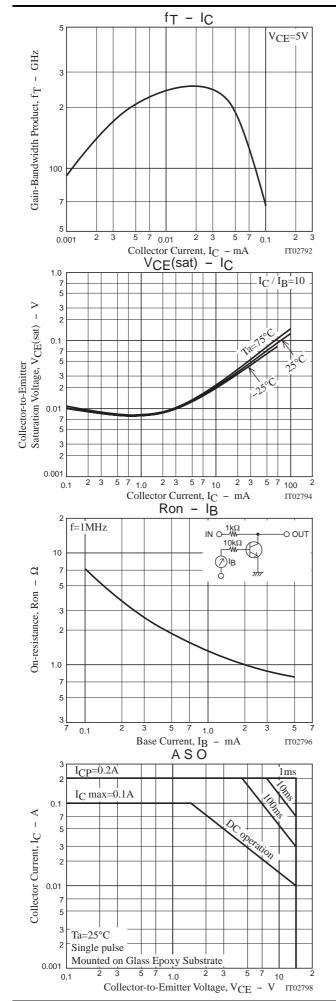


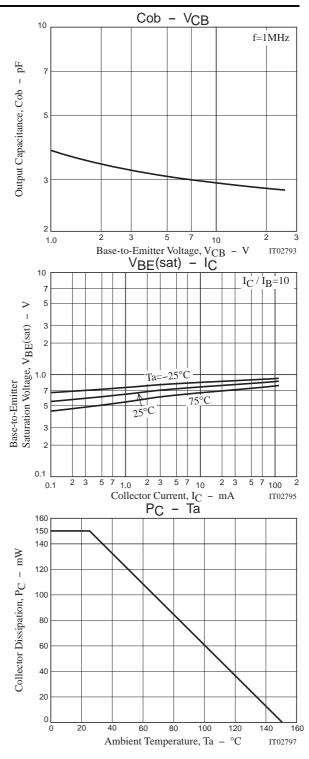






EC3202C





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