捷多邦,专业PCB打样工厂,24小时加急出货

查询2SD2261供应商 Ordering number: ENN5311A

NPN Epitaxial Planar Silicon Transistor

2SD2261



Applications

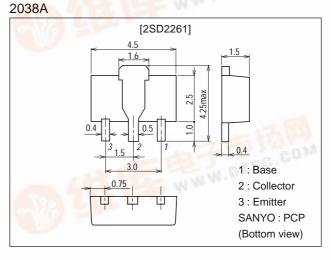
· Motor drivers, printer hammer drivers, relay drivers.

Features

- · Darlington connection.
- · High DC current gain.
- · DC current gain is less affected by temperature.
- · Small-sized package.

Package Dimensions

unit:mm



Specifications

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Collector-to-Base Voltage	V _{CBO}		80	V
Collector-to-Emitter Voltage	VCEO		60	V
Emitter-to-Base Voltage	VEBO		6	V
Collector Current	۱ _C		2.5	A
Collector Current (Pulse)	I _{CP}	1 4 A A A A A A A A A A A A A A A A A A	5	A
Collector Dissipation	PC	Mounted on a ceramic board (250mm ² ×0.8mm)	1.5	W
Junction Temperature	Tj		150	°C
Storage Temperature	Tstg		-55 to +150	°C

Electrical Characteristics at Ta = 25°C

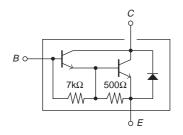
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Unit
Collector Cutoff Current	ICBO	V _{CB} =60V, I _E =0			10	μA
Emitter Cutoff Current	IEBO	V _{EB} =5V, I _C =0			2.5	mA
DC Current Gain	hFE	V _{CE} =2V, I _C =1A	2000	1 5	30000	1
Collector-to-Emitter Saturation Voltage	VCE(sat)	I _C =1A, I _B =2mA	101-		1.5	V
Base-to-Emitter Saturation Voltage	VBE(sat)	IC=1A, IB=2mA	He :	107	2	V
Collector-to-Base Breakdown Voltage	V _(BR) CBO	I _C =100μA, I _E =0	80			V
Collector-to-Emitter Breakdown Voltage	V _(BR) CEO	I _C =10mA, R _{BE} =∞	60			V

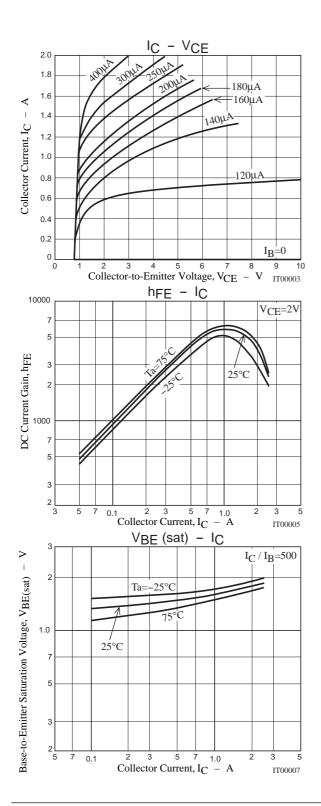
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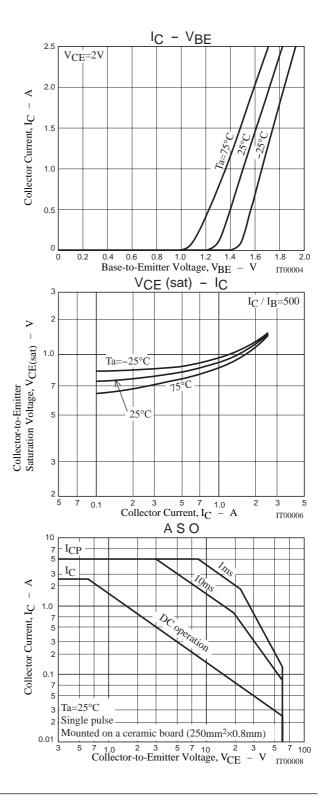
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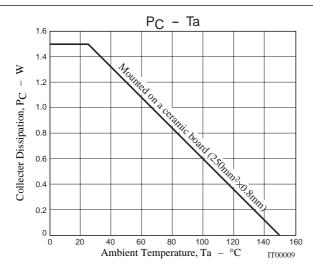
Electrical Connection







2SD2261



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