2SC4544

Rev.F Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

TO-220F NPN Silicon NPN transistor in a TO-220F Plastic Package.

/ Features

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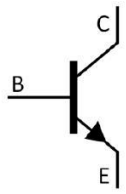
High voltage, low collector output capacitance, collector metal(Fin) is fully covered with mold resin.

/ Applications

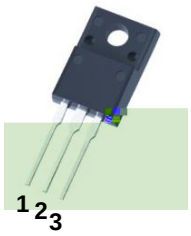
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High voltage switching and amplifier, color TV horizontal driver and chroma output applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

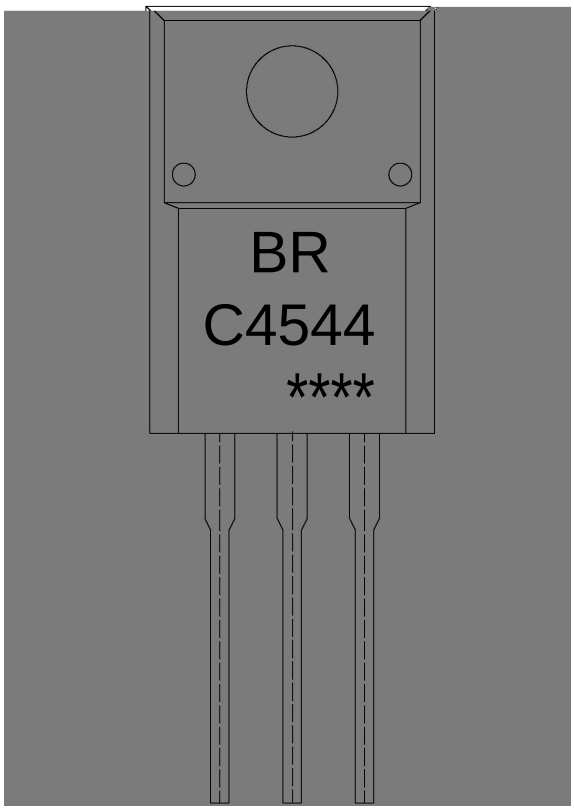
See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	300	V
Collector to Emitter Voltage	V_{CEO}	300	V
Emitter to Base Voltage	V_{EBO}	7.0	V
Collector Current - Continuous	I_C	100	mA
Base Current - Continuous	I_B	10	mA
Collector Power Dissipation	P_C	2.0	W
	P_C(Tc=25)	8.0	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max

2SC4544

/ Marking Instructions



BR

C4544

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Note:

BR:	Company Code.
C4544:	Product Type.
****:	Lot No. Code, code change with Lot No.