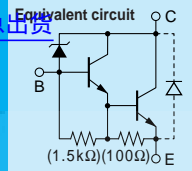


查询2SD2141供应商  
Built-in Avalanche Diode  
for Surge Absorbing  
Darlington

捷多邦, 专业PCB打样工厂, 24小时加急出货

# 2SD2141



Silicon NPN Triple Diffused Planar Transistor

Application : Ignitor, Driver for Solenoid and Motor, and General Purpose

**Absolute maximum ratings** (Ta=25°C)

Symbol	2SD2141	Unit
V <sub>CB0</sub>	380±50	V
V <sub>CE0</sub>	380±50	V
V <sub>EB0</sub>	6	V
I <sub>C</sub>	6(Pulse10)	A
I <sub>B</sub>	1	A
P <sub>C</sub>	35(T <sub>C</sub> =25°C)	W
T <sub>J</sub>	150	°C
T <sub>stg</sub>	-55 to +150	°C

**Electrical Characteristics** (Ta=25°C)

Symbol	Conditions	2SD2141	Unit
I <sub>CB0</sub>	V <sub>CB</sub> =330V	10max	μA
I <sub>EB0</sub>	V <sub>EB</sub> =6V	20max	mA
V <sub>(BR)CEO</sub>	I <sub>C</sub> =25mA	330 to 430	V
h <sub>FE</sub>	V <sub>CE</sub> =2V, I <sub>C</sub> =3A	1500min	
V <sub>CE(sat)</sub>	I <sub>C</sub> =4A, I <sub>B</sub> =20mA	1.5max	V
f <sub>r</sub>	V <sub>CE</sub> =12V, I <sub>E</sub> =-0.5A	20typ	MHz
C <sub>OB</sub>	V <sub>CB</sub> =10V, f=1MHz	95typ	pF

**External Dimensions FM20(TO220F)**

