



# 《风光欣》技术资料

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## 2SA1576

## PNP TRANSISTOR

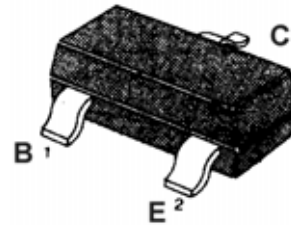
### Features

Excellent  $h_{FE}$  linearity

### ABSOLUTE MAXIMUM RATINGS(TA=25 )

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	V <sub>CB0</sub>	-60	V
Collector-Emitter Voltage	V <sub>CE0</sub>	-50	V
Emitter -Base Voltage	V <sub>EB0</sub>	-6	V
Collector Current	I <sub>c</sub>	-0.15	A
Collector Dissipation	P <sub>c</sub>	200	mW
Junction Temperature	T <sub>J</sub>	150	
Storage Temperature	T <sub>STG</sub>	-55 ~ +150	

SOT-323



### ●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Collector-base breakdown voltage	BV <sub>CB0</sub>	-60	-	-	V	I <sub>c</sub> =-50μA
Collector-emitter breakdown voltage	BV <sub>CE0</sub>	-50	-	-	V	I <sub>c</sub> =-1μA
Emitter-base breakdown voltage	BV <sub>EB0</sub>	-6	-	-	V	I <sub>E</sub> =-50μA
Collector cutoff current	I <sub>cbo</sub>	-	-	-0.1	μA	V <sub>CE</sub> =-60V
Emitter cutoff current	I <sub>EBO</sub>	-	-	-0.1	μA	V <sub>EB</sub> =-6V
Collector-emitter saturation voltage	V <sub>CE(sat)</sub>	-	-	-0.5	V	I <sub>c</sub> /I <sub>E</sub> =-50mA/-5mA
DC current transfer ratio	h <sub>FE</sub>	120	-	560	-	V <sub>CE</sub> =-6V, I <sub>c</sub> =-1mA
Transition frequency	f <sub>T</sub>	-	140	-	MHz	V <sub>CE</sub> =-12V, I <sub>E</sub> =2mA, f=30MHz
Output capacitance	C <sub>ob</sub>	-	4.0	5.0	pF	V <sub>CE</sub> =-12V, I <sub>E</sub> =0A, f=1MHz

h<sub>FE</sub> values are classified as follows:

Item	Q	R	S
h <sub>FE</sub>	120~270	180~390	270~560