

PNP TRANSISTOR**8550S****-0.5A**

TO-92

- Power Dissipation: 0.625W
- Collector Current: -0.5A
- Collector-Base Voltage: -45V

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (Ta=25)

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNIT	CONDITION
Collector-Emitter Breakdown Voltage	BV _{ceo}	-25			V	I _c =-0.1mA
Collector-Base Breakdown Voltage	BV _{cbo}	-45			V	I _c =-100μA
Emitter-Base Breakdown Voltage	BV _{ebo}	-5			V	I _e =-100 μ A
Collector-Base Leakage	I _{cbo}			-0.1	μA	V _{cb} =-40V
Collector-Emitter Leakage	I _{ceo}			-0.1	μA	V _{ce} =-20V
Emitter-Base Leakage	I _{ebo}			-0.1	μA	V _{eb} =-5V
Collector-Emitter Saturation Voltage	V _{ce(sat)}			-0.6	V	I _c =-500mA, I _b =-50mA
Base-Emitter Saturation Voltage	V _{be(sat)}			-1.2	V	I _c =-500mA, I _b =-50mA
DC Current Gain	H _{fe1} H _{fe2}	85 50		300		V _{ce} =-1V, I _c =-50mA V _{ce} =-1V, I _c =-500mA
Collector Current	I _c			-0.5	A	
Peak Collector Current	I _{cp}			-8	A(Pulse)	
Current Gain Bandwidth	f _T	150			MHz	V _{cb} =-6V, I _c =-20mA
Output Capacitance	C _{ob}			32	pF	V _{cb} =-20V, I _e =0, f=1MHz
Power Dissipation	P _c			0.625	W	
Junction Temperature	T _j			150		
Storage Temperature	T _{stg}	-55		150		

Hfe1 Classification

Rank	B	C	D
Range	85-160	120-200	160-300

**STANSON TECHNOLOGY**

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