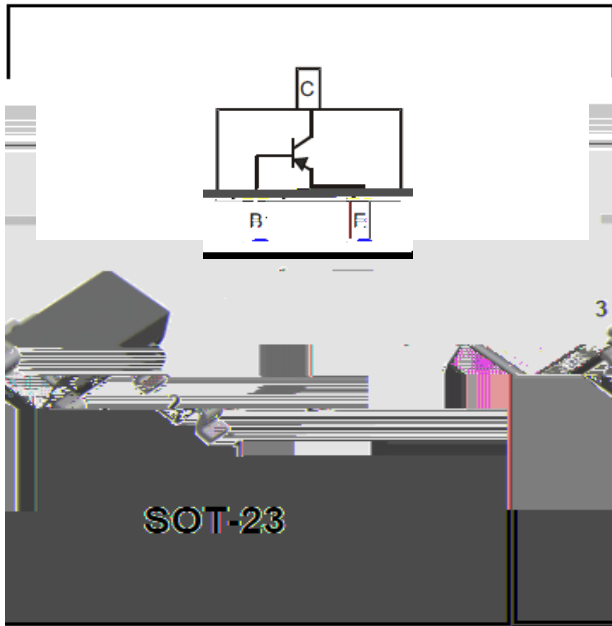


PNP Transistor



Features

- Epoxy meets UL-94 V-0 flammability rating
- Halogen free available upon request by adding suffix "HF"
- Moisture Sensitivity Level 1
- Marking:M6

Maximum Ratings (Ta=25 unless otherwise noted)

Item	Symbol	Unit	Conditions	Value
Collector-Base Voltage	V_{CBO}	V		-50
Collector-Emitter Voltage	V_{CEO}	V		-45
Emitter-Base Voltage	V_{EBO}	V		-5
Collector Current	I_C	A		-0.1
Collector Power Dissipation	P_C	W		0.2
Operation Junction Temperature	T_j			150
Storage Temperature	T_{stg}			-55 to +150

Electrical Characteristics (Ta=25 unless otherwise noted)

Item	Symbol	Unit	Conditions	Min	Typ	Max
Collector-base breakdown voltage	V_{CBO}	V	$I_C=-100\mu A, I_E=0$	-50		
Collector-emitter breakdown voltage	V_{CEO}	V	$I_C=-0.1mA, I_B=0$	-45		
Emitter-base breakdown voltage	V_{EBO}	V	$I_E=-100\mu A, I_C=0$	-5		
Collector-Base cut-off current	I_{CBO}	μA	$V_{CB}=-50V, I_E=0$			-0.1
Emitter-Base cut-off current	I_{EBO}	μA	$V_{EB}=-5V, I_C=0$			-0.1
DC current gain	h_{FE}	V	$V_{CE}=-5V, I_C=-1mA$	200		1000
Collector-emitter saturation voltage	$V_{CE(sat)}$	V	$I_C=-100mA, I_B=-10mA$			-0.3
Base-emitter saturation voltage	$V_{BE(sat)}$	V	$I_C=-100mA, I_B=-10mA$			-1
Transition frequency	f_T	MHz	$V_{CE}=-5V, I_C=-10mA, f=30MHz$	150		

S9015



S9015

Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is de