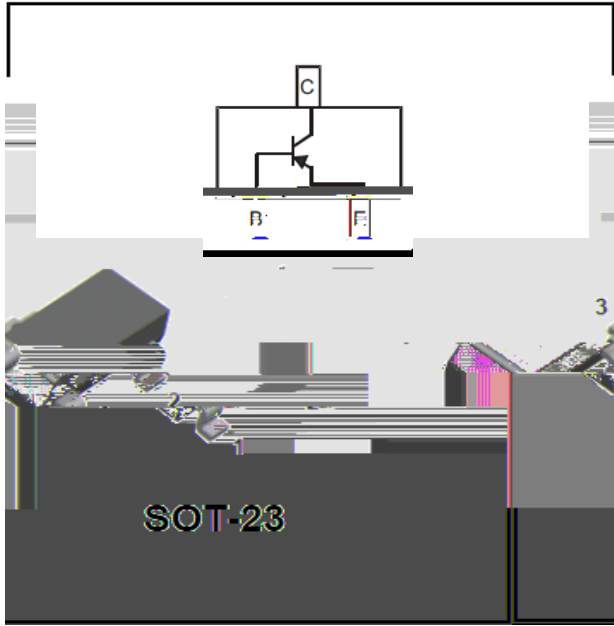




# PNP Transistor



### 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	$I_{CBO}$	$\mu A$	$V_{CB}=-50V, I_E=0$			-0.1
Emitter-Base cut-off current	$I_{EBO}$	$\mu A$	$V_{EB}=-5V, I_C=0$			-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**





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### Disclaimer

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The product listed herein is de