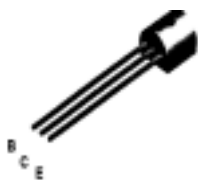


**PNP TRANSISTOR****A733****-100mA**

- AF OUTPUT AMPLIFIER

**MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS ( Ta=25 )**

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNIT	CONDITION
Collector-Emitter Breakdown Voltage	BV <sub>ceo</sub>	-50			V	I <sub>c</sub> =1mA
Collector-Base Breakdown Voltage	BV <sub>cb0</sub>	-60			V	I <sub>c</sub> =5 $\mu$ A
Emitter-Base Breakdown Voltage	BV <sub>eb0</sub>	-5			V	I <sub>e</sub> =50 $\mu$ A
Collector-Base Leakage	I <sub>cbo</sub>			-0.1	$\mu$ A	V <sub>cb</sub> =-60V
Emitter-Base Leakage	I <sub>ebo</sub>			-0.1	$\mu$ A	V <sub>eb</sub> =-5V
Collector-Emitter Saturation Voltage	V <sub>ce ( sat )</sub>		-0.18	-0.3	V	I <sub>c</sub> =-100mA, I <sub>b</sub> =-10mA
DC Current Gain	H <sub>fe</sub>	90	200	600		V <sub>ce</sub> =-6.0V, I <sub>c</sub> =-1.0mA
Collector Current	I <sub>c</sub>		-100		mA	
Current Gain Bandwidth	f <sub>r</sub>	100	180		MHz	V <sub>ce</sub> =-6V, I <sub>e</sub> =10mA
Output Capacitance	C <sub>ob</sub>		4.5	6.0	pF	V <sub>cb</sub> =-10V, I <sub>e</sub> =0, f=1MHz
Power Dissipation	P <sub>c</sub>			0.25	W	
Junction Temperature	T <sub>j</sub>			125		
Storage Temperature	T <sub>stg</sub>	-55		125		

**Classification of Hfe**

Rank	R	Q	P	K
Range	90-180	135-270	200-400	300-600


**STANSON TECHNOLOGY**

120 Bentley Square, Mountain View, Ca 94040 USA

TEL: (650) 9389294 FAX: (650) 9389295