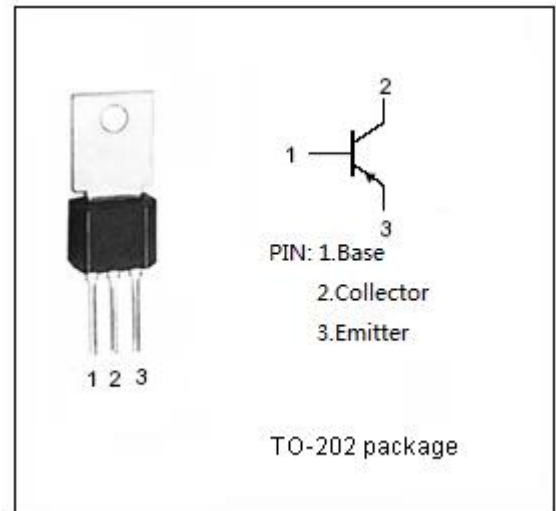


DESCRIPTION

- With TO-202 package
- High current capability
- Minimum Lot-to-Lot variations for robust device performance and reliable operation.

APPLICATIONS

- Power amplifier applications


ABSOLUTE MAXIMUM RATINGS($T_a=25^{\circ}\text{C}$)

SYMBOL	PARAMETER	VALUE	UNIT
V_{CBO}	Collector-Base Voltage	-60	V
V_{CEO}	Collector-Emitter Voltage	-60	V
V_{EBO}	Emitter-Base Voltage	-5	V
I_C	Collector Current-Continuous	-1.0	A
P_C	Collector Power Dissipation @ $T_C=25^{\circ}\text{C}$	10	W
T_J	Junction Temperature	150	$^{\circ}\text{C}$
T_{stg}	Storage Temperature	-55~150	$^{\circ}\text{C}$

isc Silicon PNP Power Transistor
2SA635
ELECTRICAL CHARACTERISTICS

 T_C=25°C unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	MAX	UNIT
V _{(BR)CBO}	Collector-base breakdown voltage	I _C =-100μA, I _E =0	-60		V
V _{(BR)CEO}	Collector-emitter breakdown voltage	I _C =-1mA, I _B =0	-60		V
V _{(BR)EBO}	Emitter-base breakdown voltage	I _E = -100μA, I _C =0	-5		V
V _{CE(sat)-1}	Collector-Emitter Saturation Voltage	I _C =-1.5A; I _B = -0.15A		-1.0	V
V _{CE(sat)-2}	Collector-Emitter Saturation Voltage	I _C =-2.0A; I _B = -0.2A		-1.5	V
I _{CBO}	collector cut-off current	V _{CB} =-45 V, I _E = 0		-0.1	uA
I _{EBO}	Emitter Cutoff Current	V _{EB} =-5V; I _C =0		-0.1	uA
h _{FE-1}	DC Current Gain	I _C = -20mA; V _{CE} =- 5V	20		
h _{FE-2}	DC Current Gain	I _C =-1.0A; V _{CE} = -5V	80	250	

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