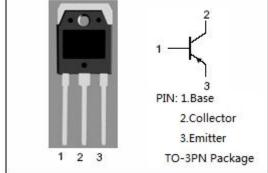


isc Silicon PNP Power Transistor

DESCRIPTION

- · Collector-Emitter Breakdown Voltage-
 - : V_{(BR)CEO}= -100V(Min)
- · High Power Dissipation
- Complement to Type 2SC2485
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

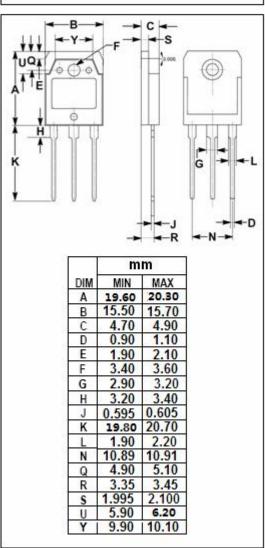


APPLICATIONS

Designed for high power audio frequency amplifier applications

ABSOLUTE MAXIMUM RATINGS(Ta=25℃)

SYMBOL	PARAMETER	VALUE	UNIT	
V _{СВО}	Collector-Base Voltage	-100	V	
V _{CEO}	Collector-Emitter Voltage	-100	V	
V _{EBO}	Emitter-Base Voltage	-5	V	
Ic	Collector Current-Continuous	-6	А	
Ісм	Collector Current-Peak	-10	Α	
Pc	Collector Power Dissipation @ T _C =25°C	70	W	
TJ	Junction Temperature	mperature 150		
T _{stg}	T _{stg} Storage Temperature Range		$^{\circ}$ C	





isc Silicon PNP Power Transistor

2SA1061

ELECTRICAL CHARACTERISTICS

T_C=25℃ unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP.	MAX	UNIT
$V_{(\text{BR})\text{CEO}}$	Collector-Emitter Breakdown Voltage	I _C = -30mA ; I _B = 0	-100			V
V _{CE(sat)}	Collector-Emitter Saturation Voltage	I _C = -4A; I _B = -0.4A			-2.0	V
V _{BE(on)}	Base-Emitter On Voltage	I _C = -4A; V _{CE} = -5V			-1.8	V
I _{CBO}	Collector Cutoff Current	V _{CB} = -100V; I _E = 0			-50	μА
I _{EBO}	Emitter Cutoff Current	V _{EB} = -3V; I _C = 0			-50	μА
h _{FE-1}	DC Current Gain	I _C = -0.2A; V _{CE} = -5V	20			
h _{FE-2}	DC Current Gain	I _C = -1A; V _{CE} = -5V	40		200	
h _{FE-3}	DC Current Gain	I _C = -4A; V _{CE} = -5V	20			
f _T	Current-Gain—Bandwidth Product	I _C = -0.5A; V _{CE} = -5V		20		MHz

♦ h_{FE-2} Classifications

R	Q	Р	
40-80	60-120	100-200	

Notice:

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