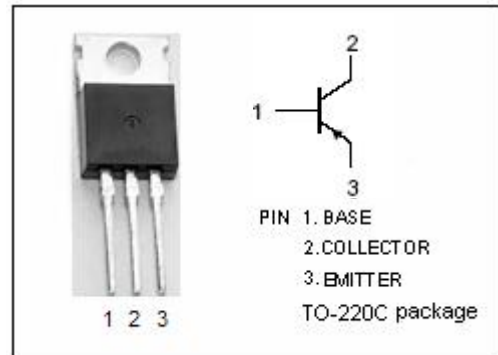
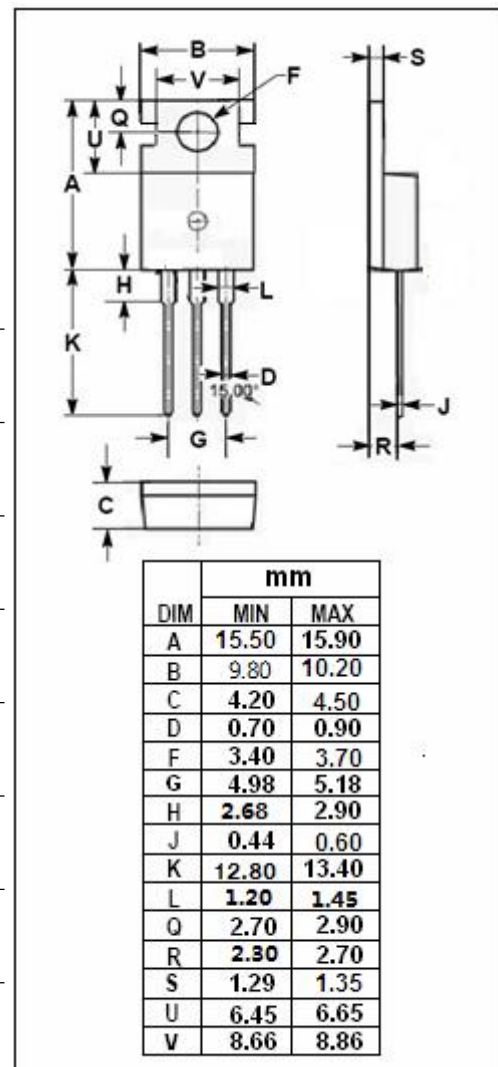


**isc Silicon PNP Power Transistor**
**CD568B**
**DESCRIPTION**

- Minimum Lot-to-Lot variations for robust device performance and reliable operation


**ABSOLUTE MAXIMUM RATINGS(Ta=25°C)**

SYMBOL	PARAMETER	VALUE	UNIT
V <sub>CBO</sub>	Collector-Base Voltage	-200	V
V <sub>CEO</sub>	Collector-Emitter Voltage	-150	V
V <sub>EBO</sub>	Emitter-Base Voltage	-6	V
I <sub>c</sub>	Collector Current-Continuous	-1	A
P <sub>c</sub>	Collector Power Dissipation @ T <sub>c</sub> =25°C	1.8	W
T <sub>J</sub>	Junction Temperature	125	°C
T <sub>stg</sub>	Storage Temperature Range	-55~125	°C



## isc Silicon PNP Power Transistor

CD568B

## ELECTRICAL CHARACTERISTICS

T<sub>C</sub>=25°C unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP.	MAX	UNIT
V <sub>(BR)CBO</sub>	Collector-Base Breakdown Voltage	I <sub>C</sub> = -0.1mA; I <sub>E</sub> = 0	-200			V
V <sub>(BR)CEO</sub>	Collector-Emitter Breakdown Voltage	I <sub>C</sub> = -50mA; I <sub>B</sub> = 0	-150			V
V <sub>(BR)EBO</sub>	Emitter-Base Breakdown Voltage	I <sub>E</sub> = -5mA; I <sub>C</sub> = 0	-6			V
V <sub>CE(sat)</sub>	Collector-Emitter Saturation Voltage	I <sub>C</sub> = -0.5A; I <sub>B</sub> = -0.05A			-2.0	V
V <sub>BE(sat)</sub>	Base-Emitter On Voltage	I <sub>C</sub> = -0.5A; I <sub>B</sub> = -0.05A			-1.0	V
I <sub>CBO</sub>	Collector Cutoff Current	V <sub>CB</sub> = -120V; I <sub>E</sub> = 0			-5	μ A
I <sub>CEO</sub>	Emitter Cutoff Current	V <sub>CE</sub> = -100V; I <sub>C</sub> = 0			-100	μ A
h <sub>FE</sub>	DC Current Gain	I <sub>C</sub> = -4A; V <sub>CE</sub> = -0.5V	55		270	

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