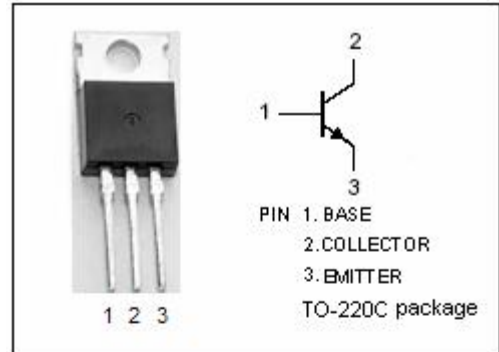


**isc Silicon NPN Power Transistor**
**2SC2660**
**DESCRIPTION**

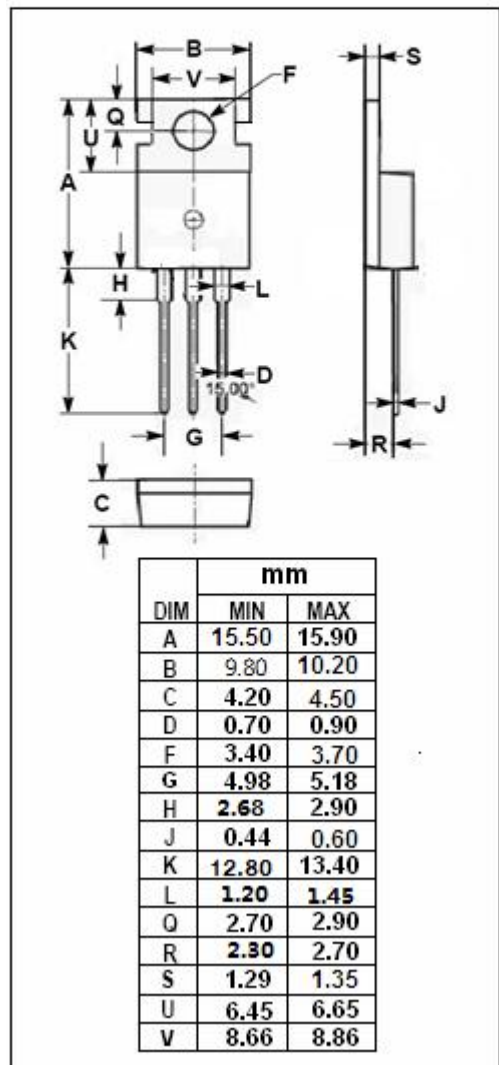
- Collector-Emitter Breakdown Voltage-  
 $V_{(BR)CEO} = 150V$  (Min)
- Large Collector Power Dissipation
- Complement to Type 2SA1133
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

**APPLICATIONS**

- Designed for power amplifier and TV vertical deflection output applications.


**ABSOLUTE MAXIMUM RATINGS(Ta=25°C)**

SYMBOL	PARAMETER	VALUE	UNIT
$V_{CBO}$	Collector-Base Voltage	200	V
$V_{CEO}$	Collector-Emitter Voltage	150	V
$V_{EBO}$	Emitter-Base Voltage	6	V
$I_C$	Collector Current-Continuous	2	A
$I_{CM}$	Collector Current-Peak	3	A
$P_C$	Collector Power Dissipation	30	W
$T_J$	Junction Temperature	150	°C
$T_{stg}$	Storage Temperature Range	-55~150	°C



## isc Silicon NPN Power Transistor

## 2SC2660

**ELECTRICAL CHARACTERISTICS**T<sub>c</sub>=25°C unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP.	MAX	UNIT
V <sub>(BR)CEO</sub>	Collector-Emitter Breakdown Voltage	I <sub>C</sub> = 5mA; I <sub>B</sub> = 0	150			V
V <sub>(BR)CBO</sub>	Collector-Base Breakdown Voltage	I <sub>C</sub> = 500 μ A; I <sub>E</sub> = 0	200			V
V <sub>(BR)EBO</sub>	Emitter-Base Breakdown Voltage	I <sub>E</sub> = 500 μ A; I <sub>C</sub> = 0	6			V
V <sub>CE(sat)</sub>	Collector-Emitter Saturation Voltage	I <sub>C</sub> = 500mA; I <sub>B</sub> = 50mA			1.0	V
V <sub>BE(on)</sub>	Base-Emitter On Voltage	I <sub>C</sub> = 400mA; V <sub>CE</sub> = 10V			1.0	V
I <sub>CBO</sub>	Collector Cutoff Current	V <sub>CB</sub> = 200V; I <sub>E</sub> = 0			50	μ A
I <sub>EBO</sub>	Emitter Cutoff Current	V <sub>EB</sub> = 4V; I <sub>C</sub> = 0			50	μ A
h <sub>FE-1</sub>	DC Current Gain	I <sub>C</sub> = 150mA; V <sub>CE</sub> = 10V	60		240	
h <sub>FE-2</sub>	DC Current Gain	I <sub>C</sub> = 400mA; V <sub>CE</sub> = 10V	50			

◆ **h<sub>FE-1</sub> Classifications**

Q	P
60-140	100-240

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