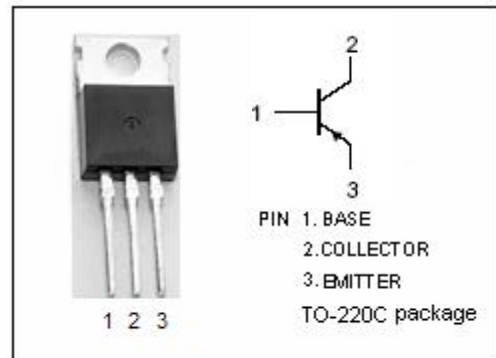


DESCRIPTION

- Collector-Emitter Breakdown Voltage-
 $V_{(BR)CEO} = -180V$ (Min)
- Large Collector Power Dissipation
- Complement to Type 2SC2660A
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

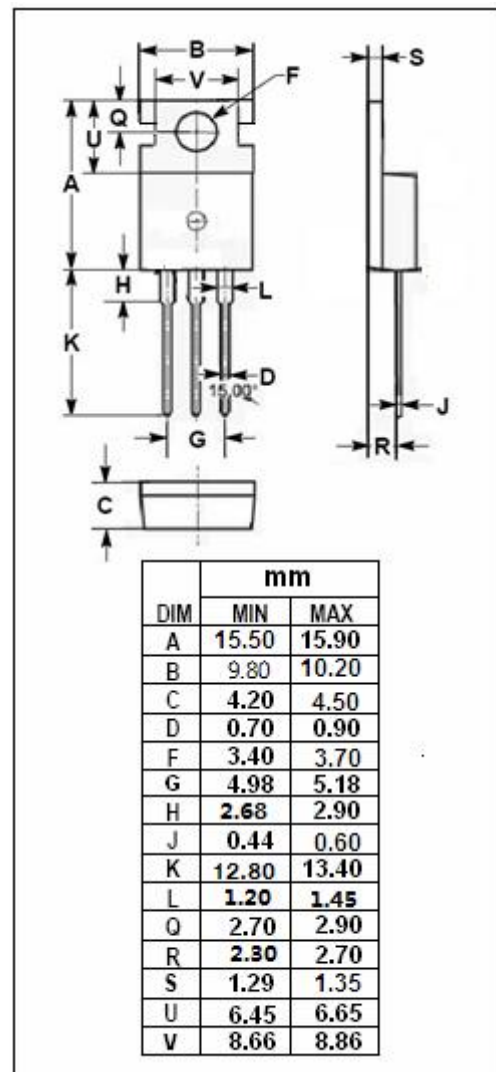


APPLICATIONS

- 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	-180	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



ELECTRICAL CHARACTERISTICST_c=25°C unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP.	MAX	UNIT
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage	I _C = -5mA; I _B = 0	-180			V
V _{(BR)CBO}	Collector-Base Breakdown Voltage	I _C = -500 μ A; I _E = 0	-200			V
V _{(BR)EBO}	Emitter-Base Breakdown Voltage	I _E = -500 μ A; I _C = 0	-6			V
V _{CE(sat)}	Collector-Emitter Saturation Voltage	I _C = -500mA; I _B = -50mA			-1.0	V
V _{BE(on)}	Base-Emitter On Voltage	I _C = -400mA; V _{CE} = -10V			-1.0	V
I _{CBO}	Collector Cutoff Current	V _{CB} = -200V; I _E = 0			-50	μ A
I _{EBO}	Emitter Cutoff Current	V _{EB} = -4V; I _C = 0			-50	μ A
h _{FE-1}	DC Current Gain	I _C = -150mA; V _{CE} = -10V	60		240	
h _{FE-2}	DC Current Gain	I _C = -400mA; V _{CE} = -10V	50			

◆ **h_{FE-1} Classifications**

Q	P
60-140	100-240

NOTICE:

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