

isc Silicon PNP Power Transistor
KSE350
DESCRIPTION

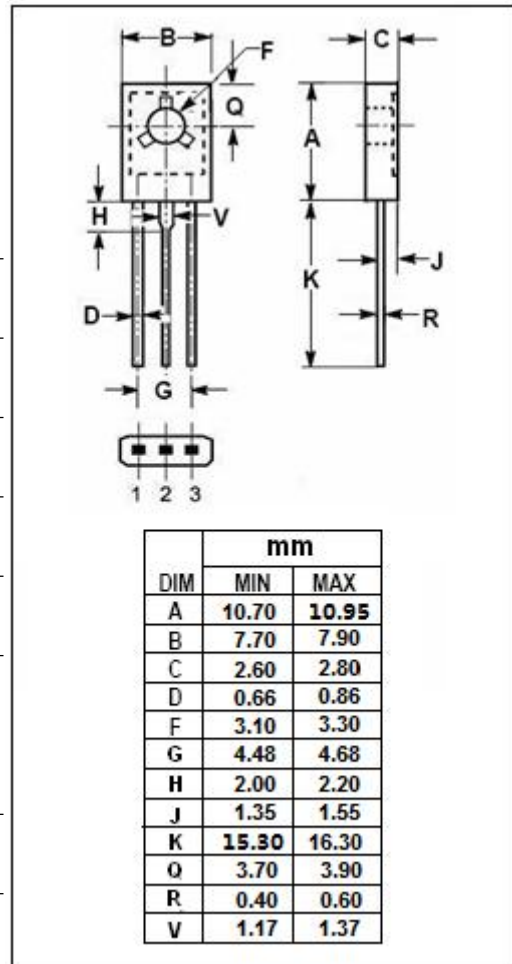
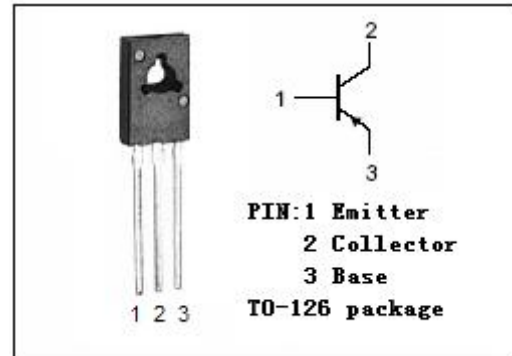
- High Collector-Emitter breakdown voltage
- Low Collector Saturation Voltage
- Complement to Type KSE340
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

APPLICATIONS

- High voltage general purpose applications
- Suitable for transform

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

SYMBOL	PARAMETER	VALUE	UNIT
V_{CBO}	Collector-Base Voltage	-300	V
V_{CEO}	Collector-Emitter Voltage	-300	V
V_{EBO}	Emitter-Base Voltage	-5	V
I_c	Collector Current-Continuous	-0.5	A
P_c	Collector Power Dissipation @ $T_c=25^{\circ}\text{C}$	20	W
	Collector Power Dissipation @ $T_a=25^{\circ}\text{C}$	1.3	
T_J	Junction Temperature	150	$^{\circ}\text{C}$
T_{stg}	Storage Temperature Range	-55~150	$^{\circ}\text{C}$



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ELECTRICAL CHARACTERISTICS

T_C=25°C unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	MAX	UNIT
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage	I _C = -1.0mA; I _B = 0	-300		V
V _{(BR)CBO}	Collector-Base Breakdown Voltage	I _C = -0.1mA; I _E = 0	-300		V
I _{CBO}	Collector Cutoff Current	V _{CB} = -300V; I _E = 0		-100	μ A
I _{EBO}	Emitter Cutoff Current	V _{EB} = -3V; I _C = 0		-100	μ A
h _{FE}	DC Current Gain	I _C = -50mA; V _{CE} = -10V	30	240	

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