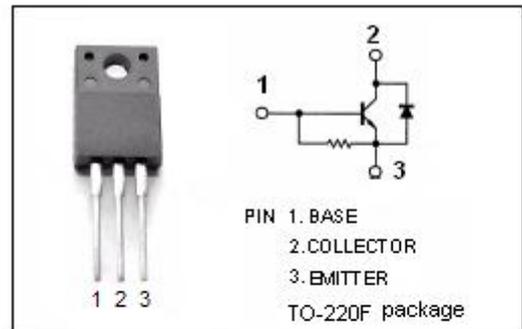


DESCRIPTION

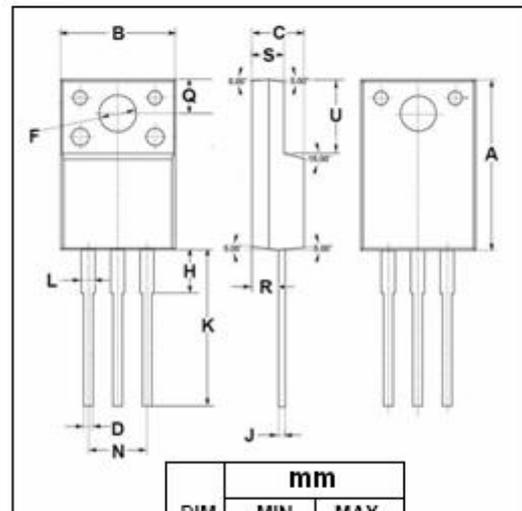
- High Switching Speed
- High Voltage
- Built-in Damper Diode
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

APPLICATIONS

- Color TV horizontal output applications


ABSOLUTE MAXIMUM RATINGS(T_a=25°C)

SYMBOL	PARAMETER	VALUE	UNIT
V _{CBO}	Collector-Base Voltage	1500	V
V _{CEO}	Collector-Emitter Voltage	800	V
V _{EBO}	Emitter-Base Voltage	5	V
I _C	Collector Current-Continuous	5	A
I _{CM}	Collector Current-Peak	12	A
P _C	Collector Power Dissipation @T _C =25°C	25	W
P _a	Collector Power Dissipation @T _a =25°C	2	W
T _J	Junction Temperature	150	°C
T _{stg}	Storage Temperature	-65~150	°C



DIM	mm	
	MIN	MAX
A	14.95	15.05
B	10.00	10.10
C	4.40	4.60
D	0.75	0.90
F	3.10	3.30
H	3.70	3.90
J	0.50	0.70
K	13.4	13.6
L	1.10	1.30
N	5.00	5.20
Q	2.70	2.90
R	2.20	2.40
S	2.65	2.90
U	6.40	6.60

THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	MAX	UNIT
R _{th j-c}	Thermal Resistance, Junction to Case	5.0	°C/W

ELECTRICAL CHARACTERISTICS

 T_c=25°C unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNIT
V _{CE(sat)}	Collector-Emitter Saturation Voltage	I _C = 2.7A; I _B = 0.54A			3.0	V
V _{BE(sat)}	Base-Emitter Saturation Voltage	I _C = 2.7A; I _B = 0.54A			1.5	V
I _{EBO}	Emitter Cutoff Current	V _{EB} = 4V; I _C = 0	40		130	mA
I _{CES}	Collector Cutoff Current	V _{CE} = 800V; V _{BE} = 0			10	uA
h _{FE-1}	DC Current Gain	I _C = 0.5A; V _{CE} = 5V	10			
h _{FE-2}	DC Current Gain	I _C = 3A; V _{CE} = 5V	5		8	

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