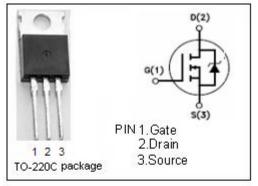


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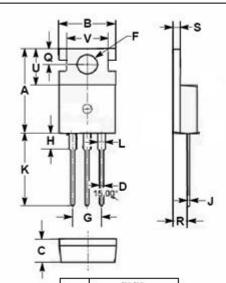
DESCRIPTION

- Drain Current -I_D= 4A@ T_C=25 °C
- · Drain Source Voltage-
 - : V_{DSS}= 600V(Min)
- · Fast Switching Speed
- Minimum Lot-to-Lot variations for robust device performance and reliable operation



APPLICATIONS

· Power supplies, converters and power motor controls



ABSOLUTE MAXIMUM RATINGS(T_a=25°C)

SYMBOL	PARAMETER	VALUE	UNIT
V _{DSS}	Drain-Source Voltage (V _{GS} =0)	600	V
V _{GS}	Gate-Source Voltage	±30	V
I _D	Drain Current-continuous@ TC=25°C	4	А
P _{tot}	Total Dissipation@TC=25℃	90	W
Tj	Max. Operating Junction Temperature 150		$^{\circ}$ C
T _{stg}	Storage Temperature Range -55~150		$^{\circ}$

	mm		
DIM	MIN	MAX	
Α	15.50	15.90	
В	9.80	10.20	
C	4.20	4.50	
D	0.70	0.90	
F	3.40	3.70	
G	4.98	5.18	
Н	2.68	2.90	
J	0.44	0.60	
K	12.80	13.40	
L	1.20	1.45	
0	2.70	2.90	
R	2.30	2.70	
S	1.29	1.35	
U	6.45	6.65	
V	8.66	8.86	



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• ELECTRICAL CHARACTERISTICS (Ta=25°C)

SYMBOL	PARAMETER	CONDITIONS	MIN	MAX	UNIT
V _{(BR)DSS}	Drain-Source Breakdown Voltage	V _{GS} = 0; I _D = 1mA	600		V
V _{GS(th)}	Gate Threshold Voltage	V _{DS} = V _{GS} ; I _D =1mA	2.0	4.0	V
R _{DS(on)}	Drain-Source On-Resistance	V _{GS} = 10V; I _D = 2A		2.6	Ω
I _{GSS}	Gate-Body Leakage Current	V _{GS} = ±30V;V _{DS} = 0		±100	nA
I _{DSS}	Zero Gate Voltage Drain Current	V _{DS} = 600V; V _{GS} = 0		1	mA



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