

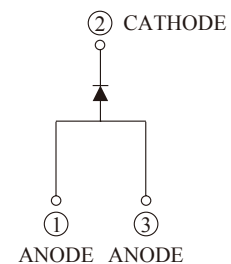
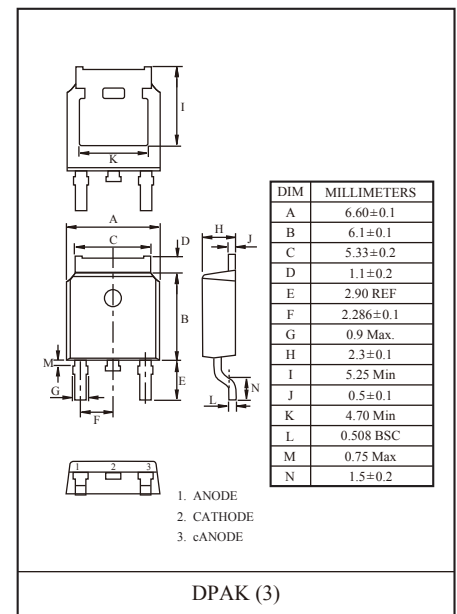
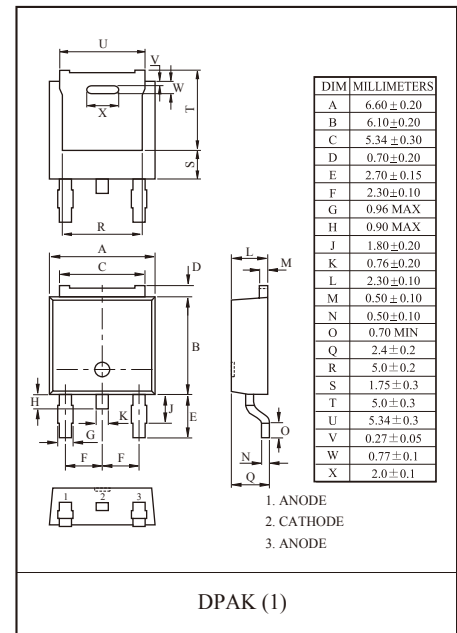
SWITCHING MODE POWER SUPPLY APPLICATION.
CONVERTER & CHOPPER APPLICATION.

FEATURES

- Average Output Rectified Current
: $I_O=20A$.
- Repetitive Peak Reverse Voltage
: $V_{RRM}=150V$.
- Low Forward Voltage.
- Low Reverse Current.
- Molding Compound Flammability Rating : UL 94V-0
- Pb-Free, Halogen-Free, RoHs Compliant

MAXIMUM RATINGS (Ta=25℃)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	150	V
Average Output Rectified Current	I_O	20	A
Peak One Cycle Surge Forward Current (Non-Repetitive 60Hz)	I_{FSM}	150	A
Junction Temperature	T_j	-40 ~ 150	℃
Storage Temperature Range	T_{stg}	-55 ~ 150	℃



ELECTRICAL CHARACTERISTICS (Ta=25℃)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V_F	$I_F=1A$	-	0.40	-	V
		$I_F=10A$	-	0.67	-	
		$I_F=20A$	-	0.92	1.00	
Repetitive Peak Reverse Current	I_R	$V_R=150V$	-	10	100	μA
Thermal Resistance	$R_{th(j-c)}$	Juction to Case	-	-	6.0	℃/W
Reverse Recovery Time	t_{rr}	$I_F=1A, V_R=30V, di/dt=-50A/us$	-	35	40	nS

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