

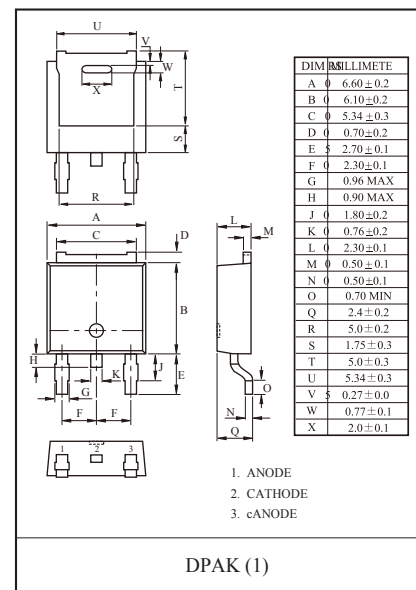
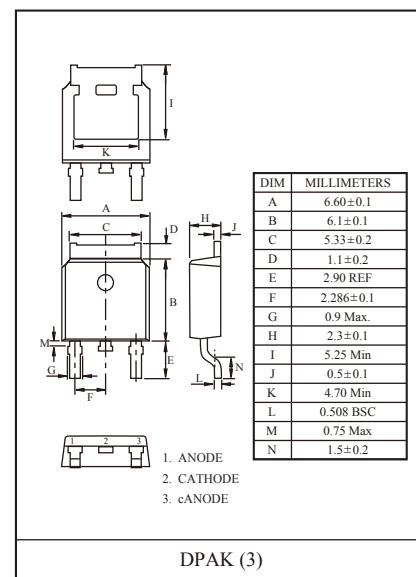
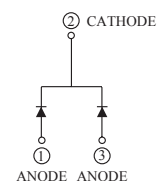
SWITCHING MODE POWER SUPPLY APPLICATION. CONVERTER & CHOPPER APPLICATION.

FEATURES

- Average Output Rectified Current
: $I_O=20A$.
- Repetitive Peak Reverse Voltage
: $V_{RRM}=100V$.
- 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}	100	V
Average Output Rectified Current	I_O	20	A
Peak One Cycle Surge Forward Current (Non-Repetitive 60Hz)	I_{FSM}	100	A
Junction Temperature	T_j	-40 ~ 150	℃
Storage Temperature Range	T_{stg}	-55 ~ 150	℃



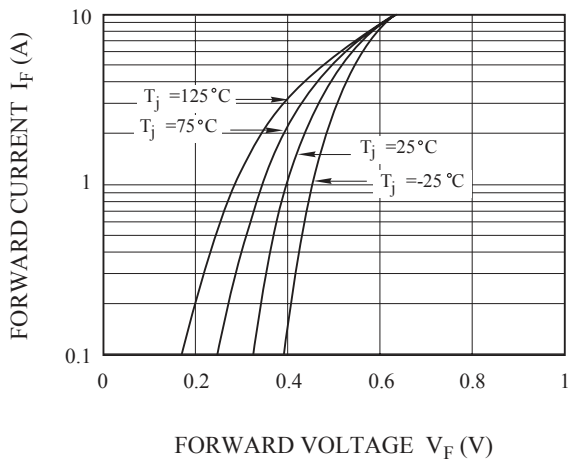
ELECTRICAL CHARACTERISTICS (Ta=25℃)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage (Note)	V_F	$I_F=1A$	-	0.41	-	V
		$I_F=10A$	-	0.71	0.75	
Repetitive Peak Reverse Current (Note)	I_R	$V_R=100V$	-	10	100	μA
Thermal Resistance (Note)	$R_{th(j-c)}$	Juction to Case	-	-	6	℃/W

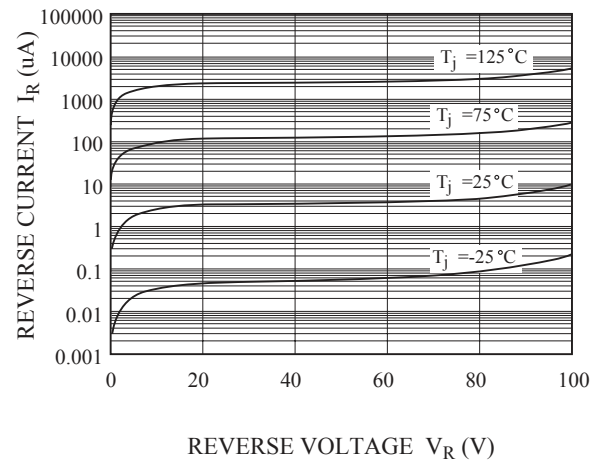
Note : A value of one cell

TMBRD20100CT

$I_F - V_F$



$I_R - V_R$



$C_T - V_R$

