

**Internal Circuit**

**Features**

- International standard package
- High Surge Capability
- Simple Mounting

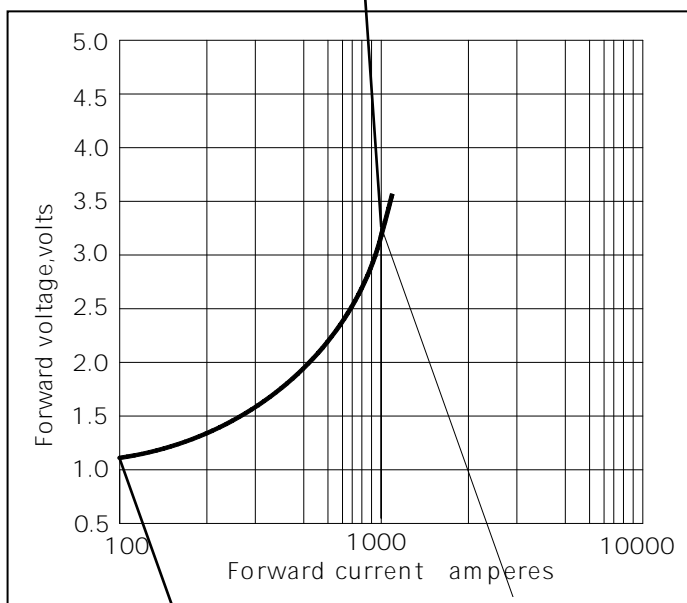
**Blocking - Off State**

TYPE		VDRM/VRRM	VDSM/VRSM	Units
MT160C(A/K)28AT2	MT160C(A/K)B28AT2	2800	2900	V
MT160C(A/K)30AT2	MT160C(A/K)B30AT2	3000	3100	V
MT160C(A/K)32AT2	MT160C(A/K)B32AT2	3200	3300	V
MT160C(A/K)34AT2	MT160C(A/K)B34AT2	3400	3500	V
MT160C(A/K)36AT2	MT160C(A/K)B36AT2	3600	3700	V

**Maximum Ratings**

Symbol	Conditions	Values	Units
$I_{TAV}$	Sine 180°;Tc=85	160	A
$I_{TSM}$	$T_{VJ}=125$ t=10ms, sine	3900	A
$I^2t$	$T_{VJ}=125$ t=10ms, sine	76000	A <sup>2</sup> s
Visol	a.c.50HZ;r.m.s.;1min,I <sub>iso</sub> :2mA(MAX)	4000	V
Tvj		-40 to 125	
Tstg		-40 to 125	
Mt	To terminals(M6)	6±15%	Nm
Ms	To heatsink(M6),		

**Thermal Characteristics**





MT160C(A/K)-AT2 MT160C(A/K)B-AT2