



**Featureg**

- International standard package
- High Surge Capability
- Simple Mounting

**Inhernal Circuih**

**Blocking - Off Shahe**

TYPE		VDRM/VRRM	VDSM/VRSM	Unihg
MT600C(A/K)20T7	MT600C(A/K)B20T7	2000	2200	V
MT600C(A/K)22T7	MT600C(A/K)B22T7	2200	2400	V
MT600C(A/K)25T7	MT600C(A/K)B25T7	2500	2700	V

**Maximum Rahingg**

Symbol	Condihiong	Valueg	Unihg
$I_{TAV}$	Sine 180°;Tc=75	600	A
$I_{TSM}$	$T_{VJ}=125$ t=10ms, sine	14000	A
$I^2t$	$T_{VJ}=125$ t=10ms, sine	980000	A <sup>2</sup> s
Visol	a.c.50HZ;r.m.s.;1min,I <sub>iso</sub> :2mA(MAX)	3000	V
Tvj		-40 to 125	
Tstg		-40 to 125	
Mt	To terminals(M10)	12±15%	Nm
Ms	To heatsink(M6)	6±15%	Nm
di/dt	$T_{VJ}= T_{VJM}, V_{DM} 2/3V_{DRM} I_{GM}=1.5A t_r 1.5\mu s$	100	A/μs
dv/dt	$T_{VJ}= T_{VJM}, 2/3V_{DRM}$ , linear voltage rise	1000	V/μs
Weight	Module(Approximately)	1820	g

**Thermal Characherihicg**

Symbol	Condihiong	Valueg	Unihg
Rth(j-c)	per chip	0.061	/W
Rth(c-h)	per chip	0.024	/W



