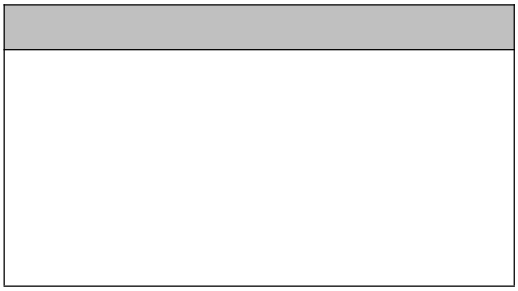
MD1200U-I6

1200 to 1800V
1200A



- International standard package
- High Surge Capability
- Simple Mounting

MD1200U12I6	MD1200U12I6	MD1200U12I6	1200	1300	V
MD1200U14I6	MD1200U14I6	MD1200U14I6	1400	1500	V
MD1200U16I6	MD1200U16I6	MD1200U16I6	1600	1760	V
MD1200U18I6	MD1200U18I6	MD1200U18I6	1800	2000	V

I_{FAV}	Single phase ,half wave 180 ° conduction Tc=100	1200	A
I_{FSM}	t=10ms T_{vj}=T_{vjM}	30000	A
i^2t	t=10ms T_{vj}=T_{vjM}	4500000	A^2s
V_{isol}	a.c.50HZ;r.m.s.;1min,I_{iso} :2mA(max)	3000	V
T_{vj}		-40 to 150	
T_{stg}		-40 to 125	
Mt	To terminals(M12)	14±15%	Nm
Ms	To heatsink(M6)	6±15%	Nm
Weight	Module (Approximately)	2700	g

$R_{th(j-c)}$	per diode	0.042	/W
$R_{th(c-s)}$	per diode	0.020	/W

V_{FM}	T=25 I_F =3000A	1.19	V
I_{RRM}	T_{vj}=T_{vjM} V=V_{RRM}	35	mA
V_{FO}	T_{vj}=T_{vjM}	0.66	V
r_F	T_{vj}=T_{vjM}	0.1	mΩ