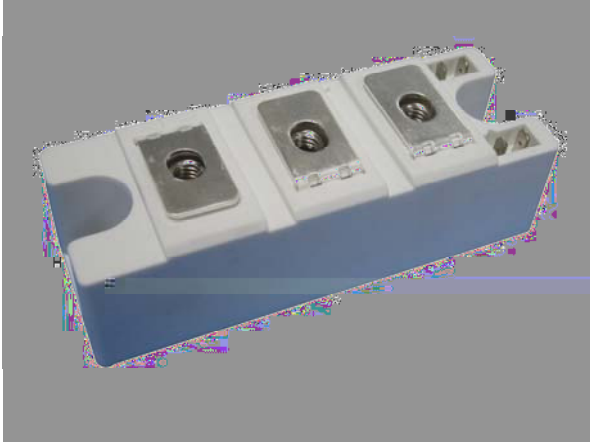




MT130C-T2

0



V_R $\sqrt{3}$ 800 to 1800V
 I 130A

1 1-0 1-0 1-0





Symbol	Description	Test Conditions			Unit
		Symbol	Value	Symbol	
V_{TM}	$T=25^{\circ}C$ $I_{TM}=500A$			1.8	V
I_{RRM}/I_{DRM}	$T_{VJ}=T_{VJM}$, $V_R=V_{RRM}$, $V_D=V_{DRM}$			40	mA
V_{TO}	For power-loss calculations only ($T_{VJ}=125^{\circ}C$)			1	V
r_T	$T_{VJ}=T_{VJM}$			1.6	mΩ
V_{GT}	$T_{VJ}=25^{\circ}C$, $V_D=6V$			3	V
I_{GT}	$T_{VJ}=25^{\circ}C$, $V_D=6V$			150	mA
V_{GD}	$T_{VJ}=125^{\circ}C$, $V_D=2/3V_{DRM}$			0.25	V
I_{GD}	$T_{VJ}=125^{\circ}C$, $V_D=2/3V_{DRM}$			10	mA
I_L	$T_{VJ}=25^{\circ}C$, $R_G=33\Omega$		300	1000	mA
I_H	$T_{VJ}=25^{\circ}C$, $V_D=6V$		150	400	mA
tgδ	$T_{VJ}=25^{\circ}C$, $I_G=1A$, $di/dt=1A/us$	1			us
tq	$T_{VJ}=T_{VJM}$	100			us

