

### 特点

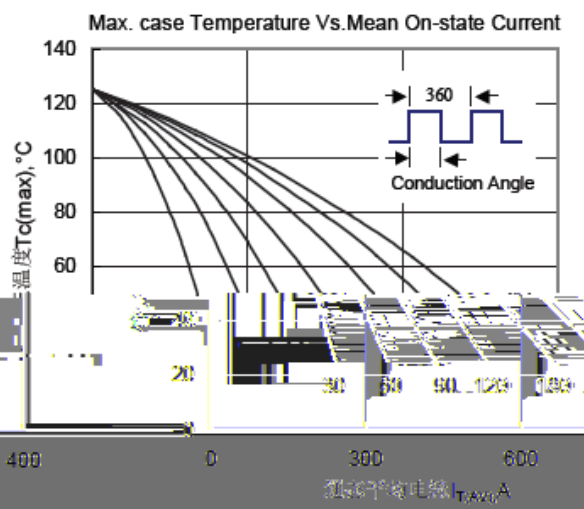
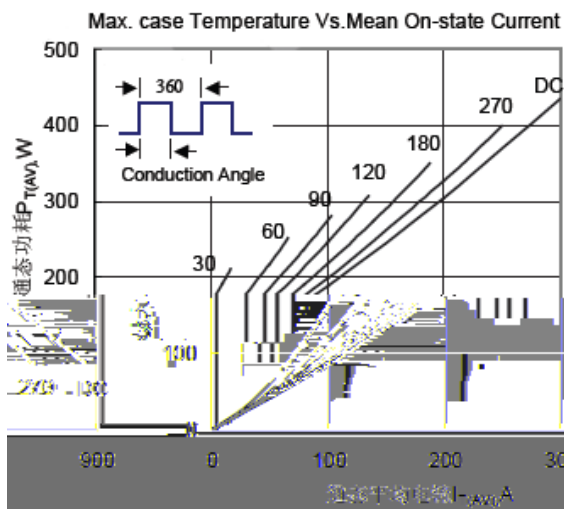
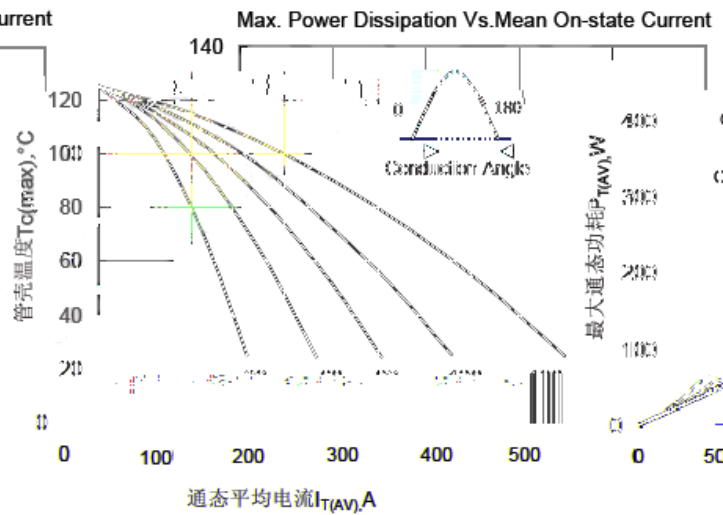
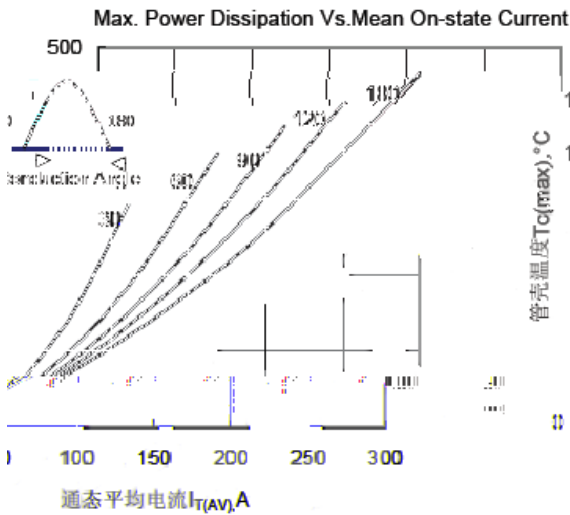
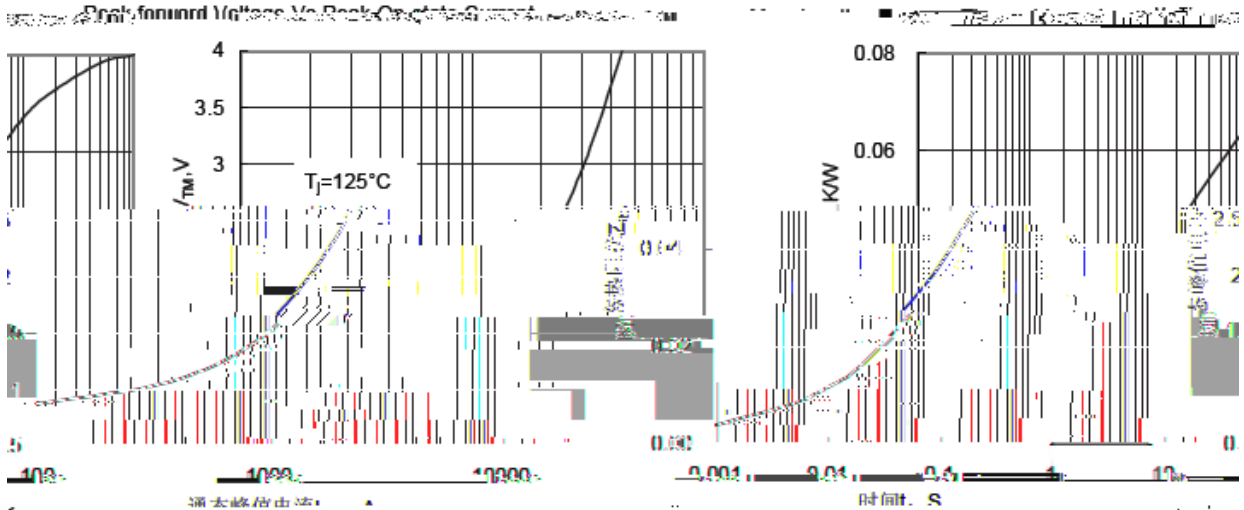
- 非绝缘，底板为公共电极
- 国际标准封装：全压接结构，优良的温度特性和功率循环能力
- 低正向压降

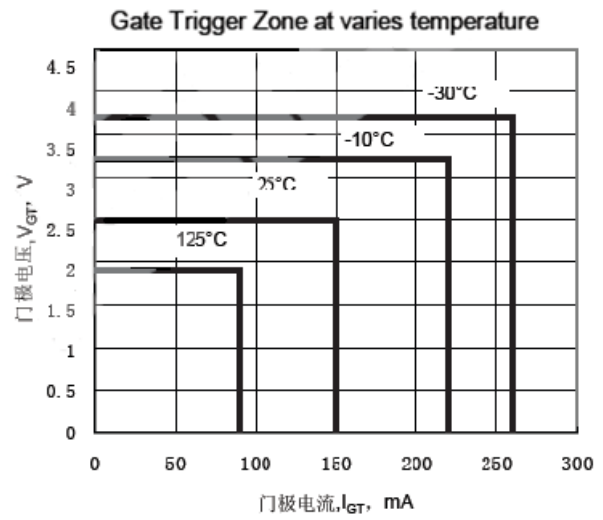
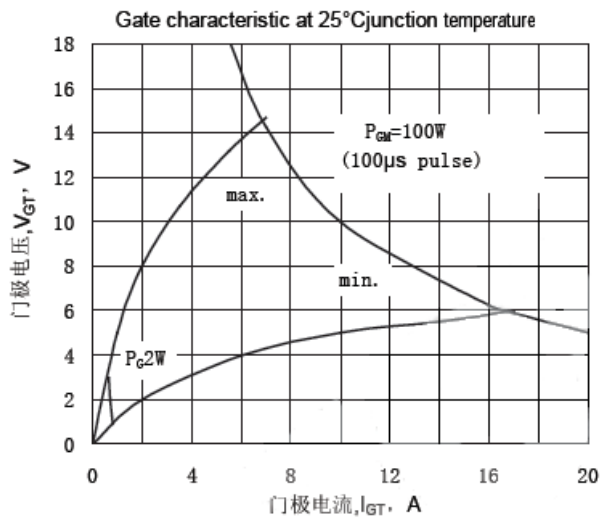
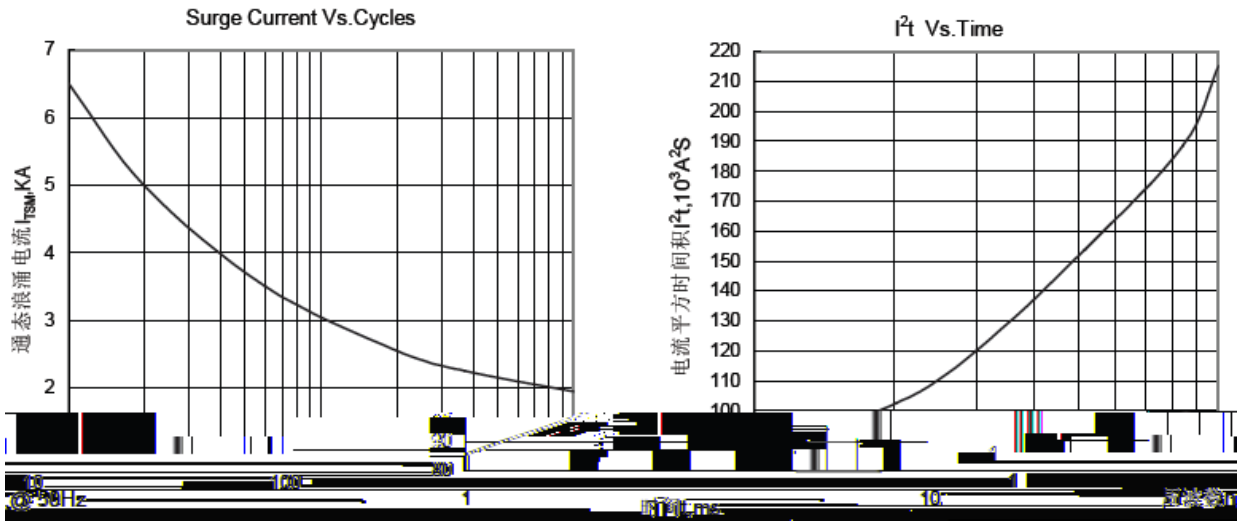
### 典型应用

- 电焊机电源
- 各种 电源
- 变频器

$I_{T(AV)}$	300A
$V_{DRM}/V_{RRM}$	500-2500V
$I_{TSM}$	$9.6 A \times 10^3$
$I^2t$	$470 10^3 a^2s$

			$T_j$ ( )				
				最小	典型	最大	
$I_{T(AV)}$		180 50HZ $T_C=110$	125			300	A
$I_{T(RMS)}$			125			471	A
$V_{DRM}$ $V_{RRM}$		$V_{DRM} \& V_{RRM} \text{ tp}=10\text{ms}$ $V_{DSM} \& V_{RSM} = V_{DRM} \& V_{RRM} + 200V$	125	500		2500	V
$I_{DRM}$ $I_{RRM}$		at $V_{DRM}$ at $V_{RRM}$	125			25	mA
$I_{TSM}$		10ms	125			9.60	KA
$I^2t$		$V_R = 0.6 V_{RRM}$				470	$A^2S \cdot 10$
$V_{TO}$			125			0.80	V
$r_T$						0.72	m
$V_{TM}$		$I_{TM} = 942A$	25			1.30	V
dv/dt		$V_{DM} = 0.67 V_{DRM}$	125			800	V/us
di/dt		$I_{MT} = 52A$ $I_{GR} = 1.5A$ $t_r = 1\mu s$	125			100	A/us
$I_{GT}$		$V_A = 12V, I_A = 1A$	25	30		150	mA
$V_{GT}$				0.8		2.5	V
$I_H$				20		200	mA
$V_{GD}$		$V_{DM} = 0.67 V_{DRM}$	125	0.2			V
$R_{th(j-c)}$						0.080	/W
$R_{th(c-h)}$	)					0.04	/W
$F_M$	M5)				12		N-m
	M6)				6		N-m
$T_{stq}$	储			-40		125	
$W_t$							g
Outline							

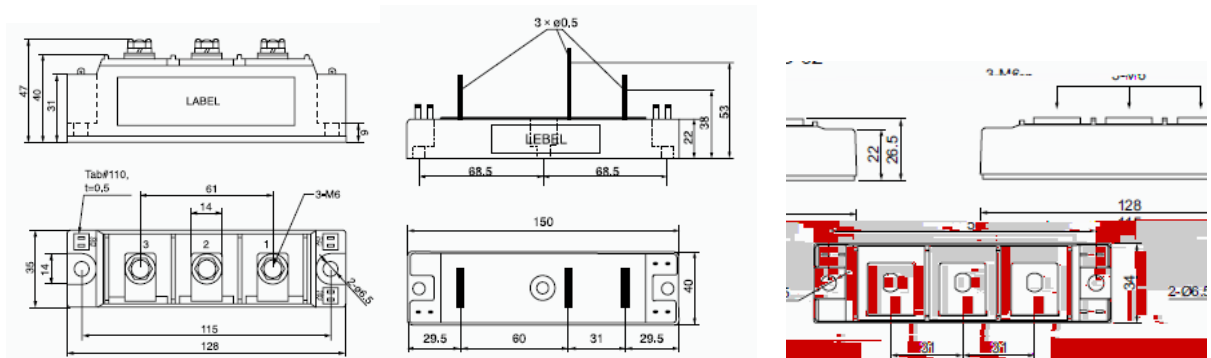




门极率

门极触发

外形图:

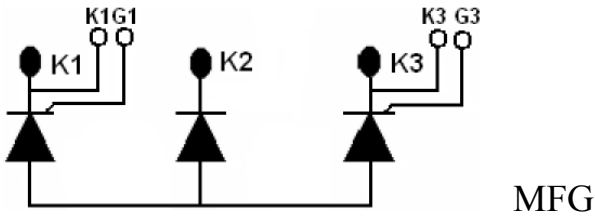


图

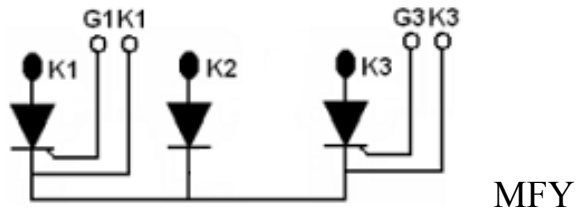
图

图

线路图:



MFG



MFY