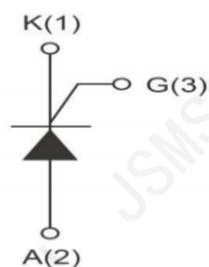


用途：主要用于漏电保护器、彩灯控制器、逻辑电路驱动、大功率可控硅门极驱动，摩托车点火器及其它开关控制电路。



TO-92



Circuit diagram

电参数 (Ta=25℃)

参数名称	符号	额定值	单位
断态重复峰值电压	V_{DRM}	>600	V
反向重复峰值电压	V_{RRM}	>600	V
通态平均电流	I_T	0.8	A
通态不重复浪涌电流	I_{TSM}	8	A
结温	T_J	110	℃
贮存温度	T_{atg}	-40~150	℃

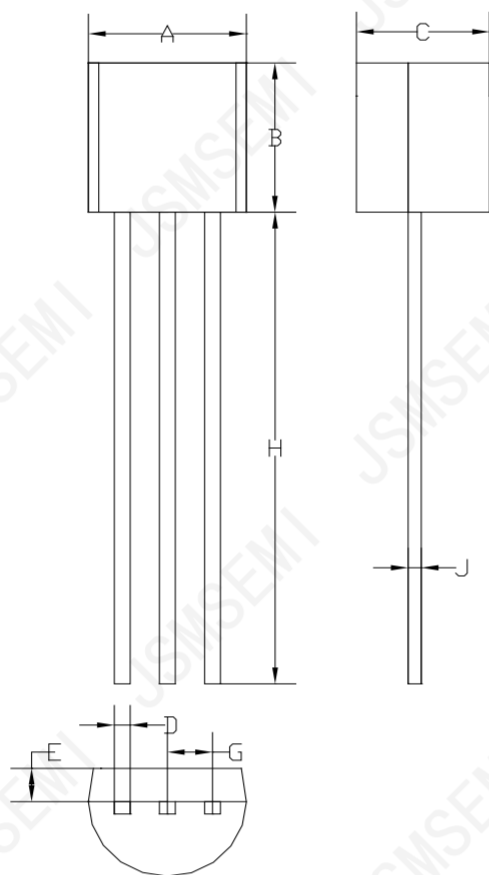
极限参数

参数名称	符号	单位	规范值		测试条件
			Min	Max	
断态重复峰值电压	V_{DRM}	V	600	800	
反向重复峰值电压	V_{RRM}	V	600	800	$I_R=50\mu A$
断态重复峰值电流	I_{DRM}	μA		10	$V_{DRM}=520V$
通态峰值电压	V_{TM}	V	1.1	1.5	$I_T=2A$
维持电流	I_H	mA		5	$I_T=0.1A, I_{GT}=0.12mA$
控制极触发电流	I_{GT}	μA	30	60	$V_{AK}=6V, R_L=100\Omega$
控制极触发电压	V_{GT}	V	0.4	0.8	$V_{AK}=6V, R_L=100\Omega$
控制极不触发电压	V_{GD}	V	0.1		$V_{DRM}=400V, R_{GR}=1K\Omega, T=110^\circ C$

Package Information

TO-92

Plastic surface mounted package



TO-92		
Dim	Min	Max
A	4.4	4.7
B	4.3	4.7
C	3.43Typical	
D	0.38	0.55
E	1.1	1.4
G	1.27 Typical	
H	14.1	14.5
J	0.36	0.51
All Dimensions in mm		

Revision History

Rev.	Change	Date
V1.1	Initial version	2/23/2024

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For additional information please contact Kevin@jsemsemi.com or visit www.jsemsemi.com