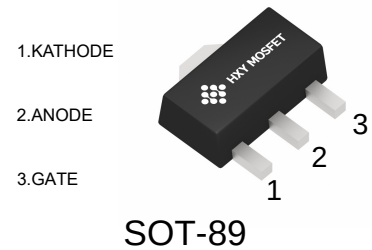




Features

- Current- I_{GT} : 200 μA
- I_{TRMS} : 0.8 A
- V_{RRM}/V_{DRM} : 600 V
- Operating and storage junction temperature range
- T_J, T_{stg} : $-55^{\circ}C$ to $+150^{\circ}C$



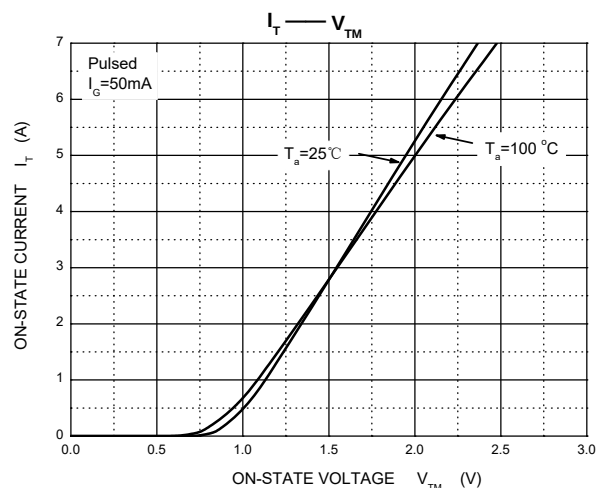
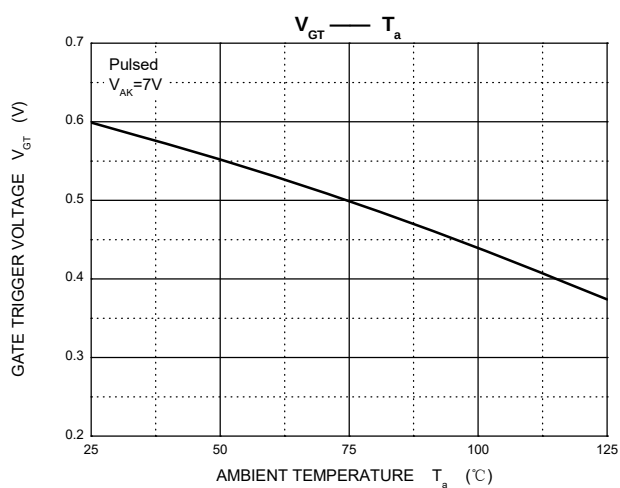
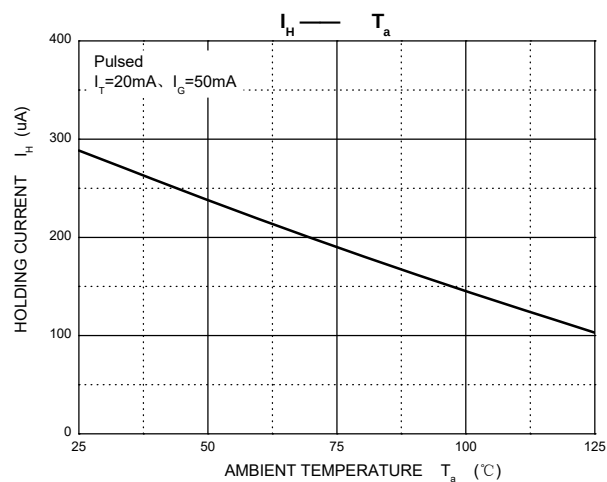
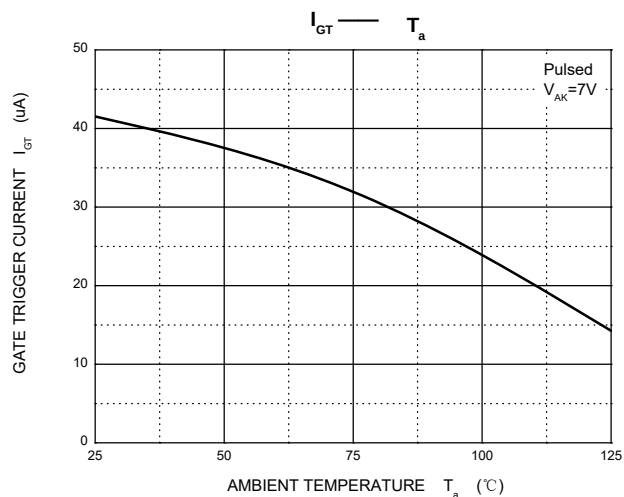
Electrical Characteristics ($T_a=25^{\circ}C$ unless otherwise specified)

Parameter	Symbol		Test conditions	Min	Max	Unit
On state voltage	V_{TM}^*		$I_{TM}=1A$		1.7	V
Gate trigger voltage	V_{GT}		$V_{AK}=7V$		0.8	V
Peak Repetitive forward and reverse blocking voltage	V_{DRM} AND V_{RRM}		$I_{DRM}= 10\ \mu A$	600		V
Peak forward or reverse blocking Current	I_{DRM} I_{RRM}		$V_{AK}= \text{Rated}$ V_{DRM} or V_{RRM}		10	μA
Holding current	I_H		$I_{HL}= 20mA, V_{AK}= 7V$		5	mA
Gate trigger current	I_{GT}	A	$V_{AK}=7V$	30	80	μA

* Forward current applied for 1 ms maximum duration, duty cycle $\leq 1\%$.

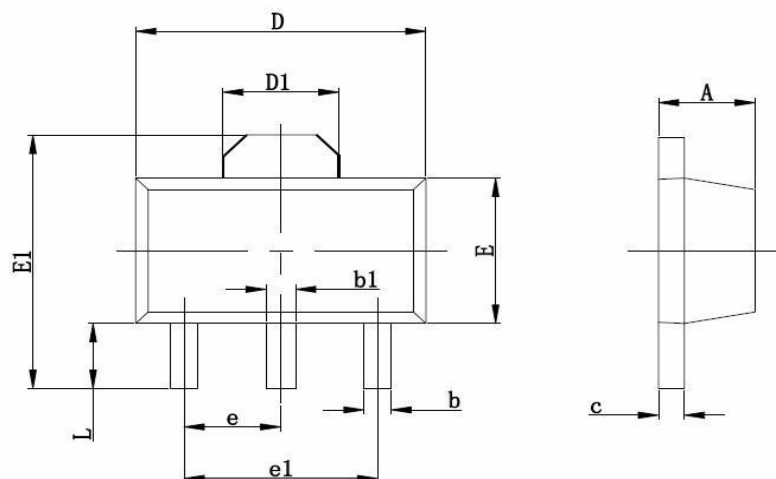


Typical Characteristics





SOT-89 Package Outline Dimensions



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	1.400	1.600	0.055	0.063
b	0.350	0.520	0.013	0.197
b1	0.400	0.580	0.016	0.023
c	0.350	0.440	0.014	0.017
D	4.400	4.600	0.173	0.181
D1	1.550 REF		0.061 REF	
E	2.350	2.550	0.091	0.102
E1	3.940	4.250	0.155	0.167
e	1.500 TYP		0.060TYP	
e1	3.000 TYP		0.118TYP	
L	0.900	1.100	0.035	0.047



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