

7 U H Q F K 0 2 6 % D U U L H U 6 F K R W W N \ 5 H

Features

- Advanced trench technology
- Low forward voltage drop
- Low power losses
- High efficiency operation
- Lead Free Finish, RoHS Compliant

Applications

- DC/DC Converters
- AC/DC Adaptors
- Switching Power Supplies
- Freewheeling Diodes

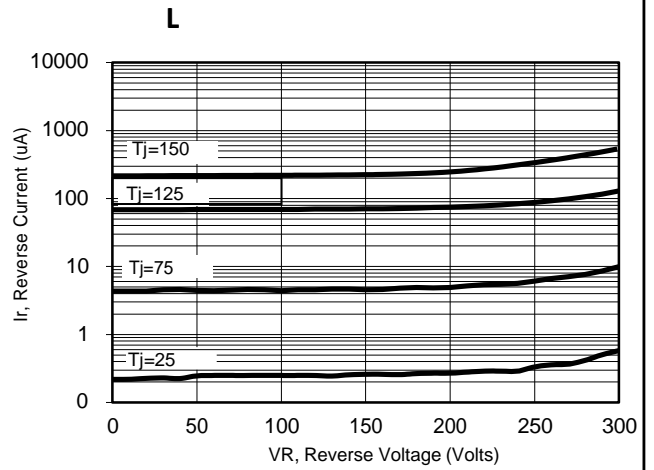
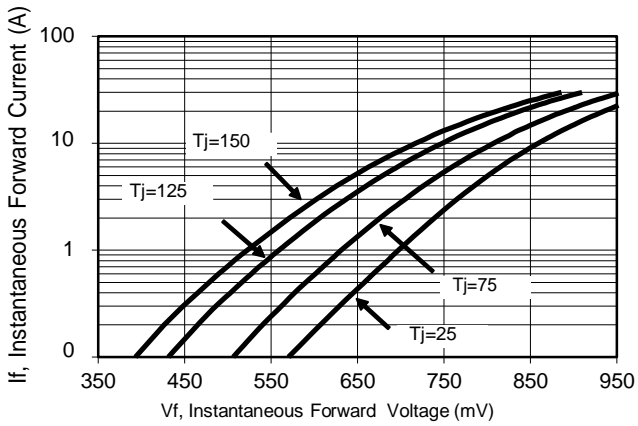
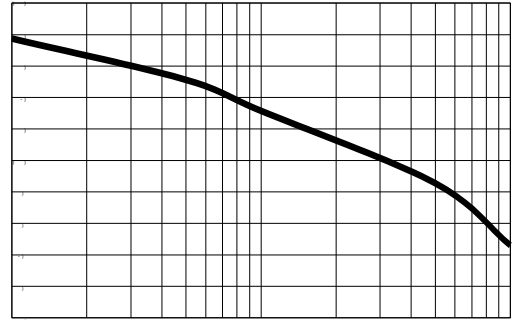
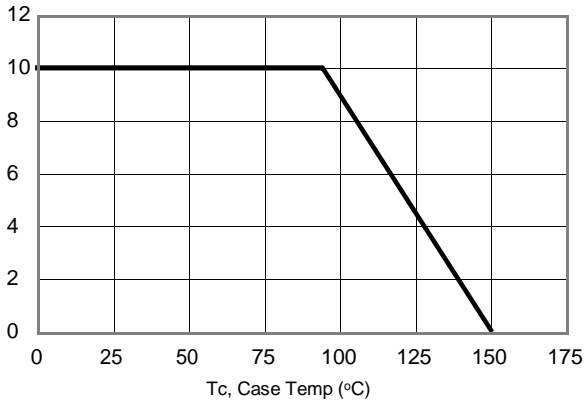
Maximum ratings and electrical characteristics (T_J = 25°C unless otherwise noted)

Parameter	Symbol	Limit	Unit
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Notes:

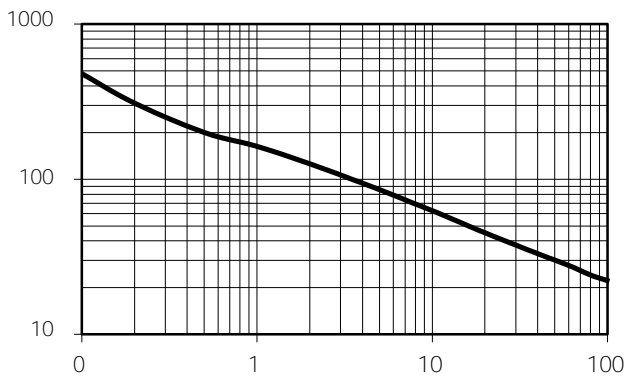
3 X O V H W H V W 3 X O V H Z L G W K G X W \ F \ F O H
3 X O V H W H V W 3 X O P W H Z L G W K 0

RATINGS AND CHARACTERISTICS CURVES



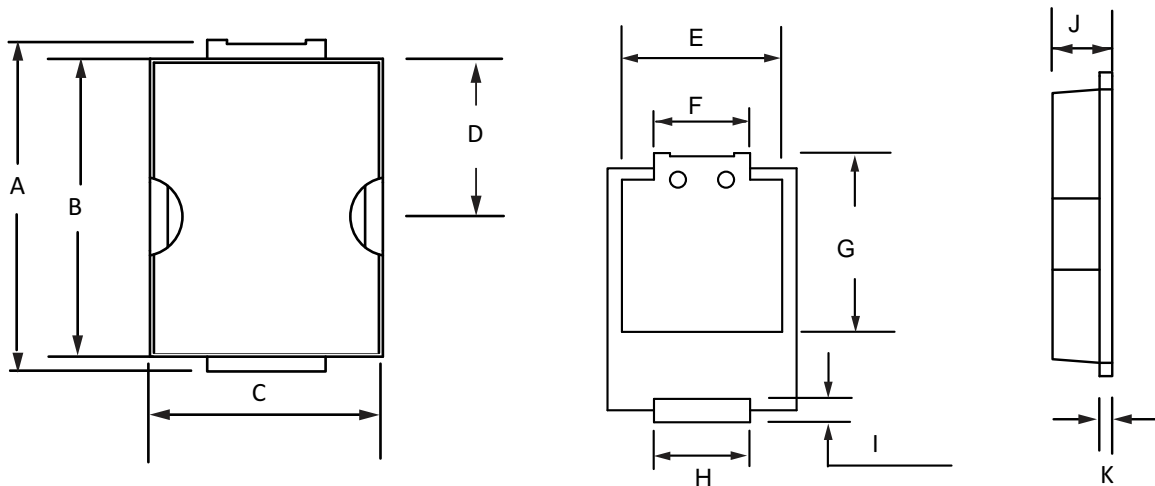
P

L



PACKAGE OUTLINE DIMENSIONS

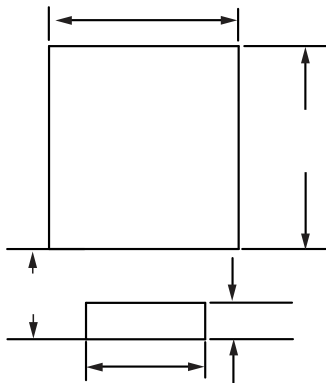
SMP6



SMP6 mechanical data

UNIT		A	B	C	D	E	F	G	H	I	J	K
mm	max	8.6	7.75	6.1	4.2	5.2	3.2	5.68	3.2	0.93	1.85	0.45
	min	8.0	7.35	5.7	3.8	4.8	2.8	5.28	2.8	0.53	1.45	0.25
mil	max	338.5	305.1	240.1	165.3	204.7	126.0	223.6	126.0	36.6	72.8	17.7
	min	314.9	289.3	224.4	149.6	188.9	110.2	207.8	110.2	20.8	57.1	9.8

SMP6 Suggested Pad Layout



UNIT		L	M	N	O	P
mm	min	5.40	5.78	1.0	3	1.8
mil	min	212.6	227.5	39.3	133.8	70.8