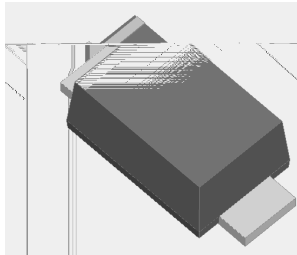


7 UHQFK 026 %DUULHU 6FKRWWN\ 5H

62'  
7633 )/

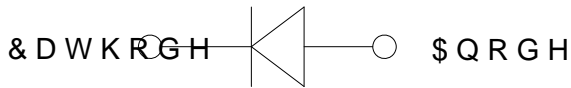


Features

- 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



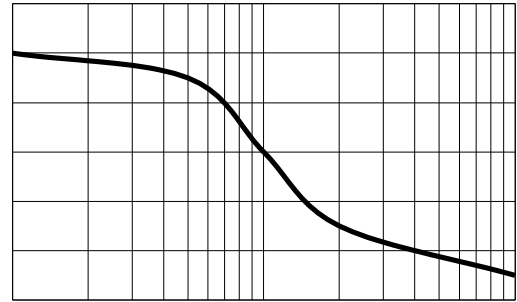
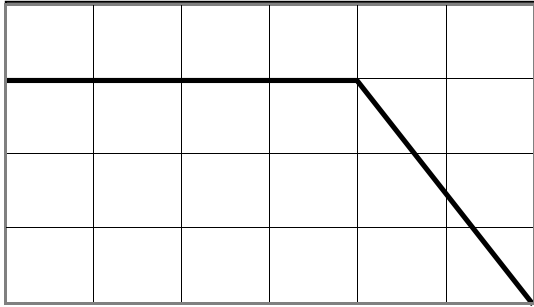
Maximum ratings and electrical characteristics (T<sub>J</sub> = 25°C unless otherwise noted)

Parameter	Symbol	Limit	Unit
Maximum repetitive peak reverse voltage	VRRM	0	V
Maximum average forward rectified current	IF(AV)		A
Peak forward surge current 8.3 ms single half sine-wave superimposed on rated load per diode	IFSM	0	A
Operating junction and storage temperature range	TJ, TSTG	- to +150	°C
7\SLFDO WKHUPDO UHVLVWDQFH SHU 0RXQWHG RQ )5 3&%	GLRGH 5\$-&		°C/W
,QVWDQWDQHRXV IRUZDGH YRQWGH	VF(1)	TYP.	MAX.
		0.	0.
		0.	-
Instantaneous reverse current per diode at rated reverse voltage	IR(2)	TJ=25°C	µA
		TJ=125°C	mA

Notes:

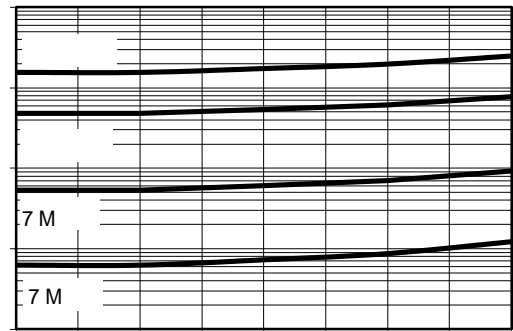
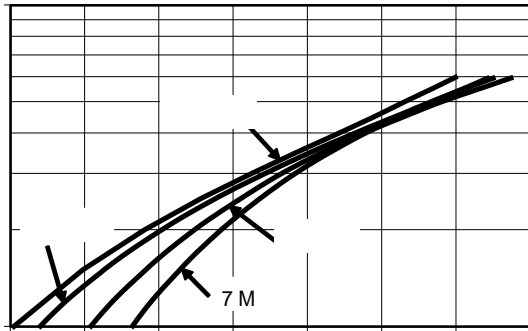
3XOVH WHV \$XOVH ZLGWK GXW\ F\FOH  
3XOVH WHVW 3XOPWH ZLGWK 0

**RATINGS AND CHARACTERISTICS CURVES**



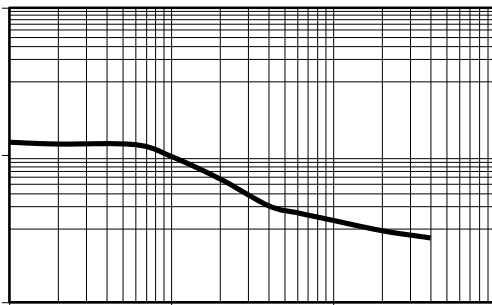
1 X P E I R U & \ F O D H W + ]

\$ V S S F O U % F S B U J O H \$ B T F . B Y J N V N 3 F Q F U J U J W F 4 V S



95 5 H Y H U V H 9 R O W D J H 9 R O W V

5 Z Q J D B M ' P S X B S E 7 P M U B H F 5 Z Q J D B M 3 F W F S T F \$ V S S

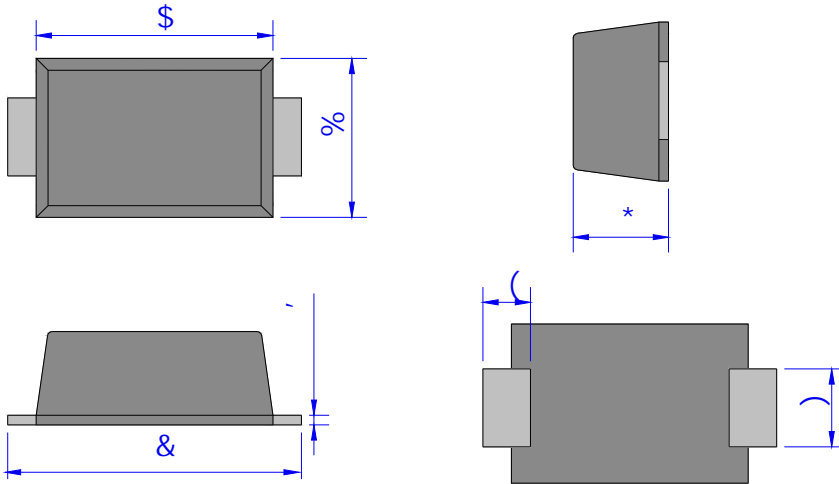


5 H Y H U V H 9 R O W D

5 Z Q J D B M + V O D U J P O \$ B Q B D J U B O D F

PACKAGE OUTLINE DIMENSIONS

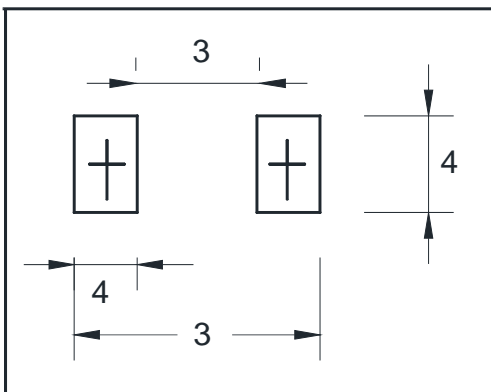
1 R W H X Q L W P P 0 L O



6 2 ' 1 2 3 H F K D Q D W D O

8 1 , 7		\$	%	&	'	(	)	*
PP	P D	3 0	2 0	3 5	0 2	5 0	1 2	1 3 5
	P L O	2 6	1 6	3 4	5 0	1 0	3 0	5
P L O	P D							
	P L O							

6 2 ' 6 X J J H V W H G 3 D G / D \ R X W



8 1 ,		3	4	4
PP	P L O	1 5	3	1 3
P L O	P L O	5 0	5 1 2	5 1 2