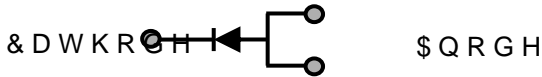


7UHQFK 026 %DUULHU 6FKRWWN\ 5H

763 / 63

TO-277



)HDWXUHV

‡ \$GYDQWUHQFK WHFKQRORJ\

‡ /RZRUZDURGDWDJH GURS

‡ /RZRZURVVHV

‡ +LJHILFLHQF\ RSHUDWLRQ

‡ /HDGH)HLQLVK &RPSOLDQW

\$SSOLFDFWLRQV

‡ '&' &RQYHUWHUV

‡ \$&' &GDSWRUV

‡ 6ZLWFKRZHSXSSOLHV

‡)UHHZKHHLRGLJ

0D[LPXP UDWLQJV DQG HOHFWULFDJ& FXODDWHVHUQRWHIGFV

3DUDPHWHU		6\PERO	/LPLW	8QLW
0D[LPXPHSHVSHUNYHYURQWDJH		9550		9
0D[LPXPYHURJHZDUG UFKJWHIQWG		,) \$9		\$
3HDN IRVZDURSUHQW VLQRDWHQZDYH VXSHULPSRQDWHQRSGGLRGH		,) 60		\$
2SHUDMXQRDURQRWRUDJH WDRSHUDW		XUH 767	WR	f &
7\SLFDO WKHUPDO UHVLVWDQFH SHU		GLSRGH	ORXQWHG RQ)5	3&f% :
,QVWDQWDQHRRQRWRUDUG SHGLRGH	,) \$	7- f &	7 < 3	0\$;
	,) \$	7- f &		
	,) \$	7- f &		
	,) \$	7- f &		
,QVWDQWDQHRXUUSHQRDWH UDWHYHYURQWDJH	7- f &	,5		X\$
	7- f &			P\$

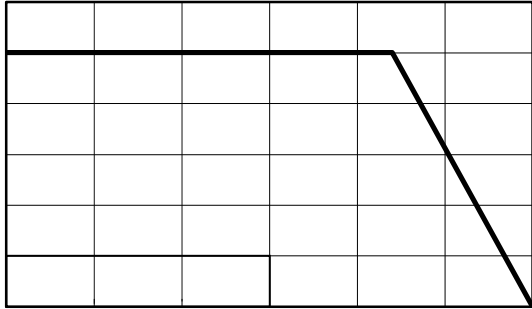
1RWHV

3XOVH WHVVSXOVH ZLGWK GXW\FFOH

3XOVH WHVW 3XOPH ZLGWK 0

5 \$ 7,1 * 6 \$ 1' & + \$ 5 \$ & 7 (5,67, & 6 & 7859 (6 f & X Q O H V Q R W K B U Z L V H

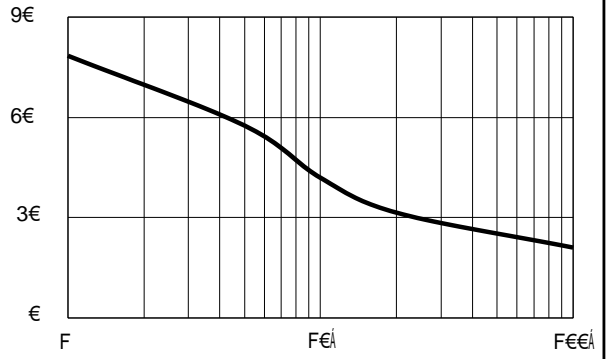
, I, \$ Y H U D R W U Z D R X C U U H \$ Q W



7 F & D V H 7 & H P S

Current Derating, Case

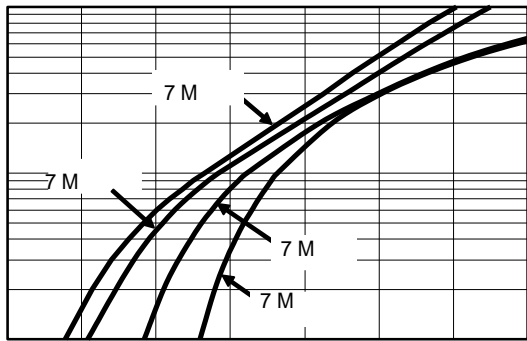
3 H D) R U Z D R X C U U H \$ Q W



P ~ { a ^ i A [- i O ^ & | ^ • i a o c i 6 € i P : A

Maximum Repetitive Surge Current

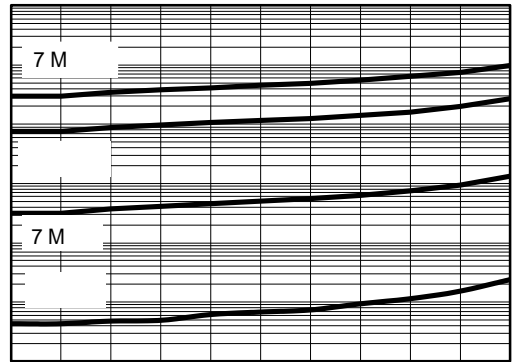
, I, Q V W D Q W J R O U Z F R X C U U H \$ Q W



9 I , Q V W D Q W D Q H R X V) R U Z D U G 9 R O W D J H P 9

Typical Forward Voltage

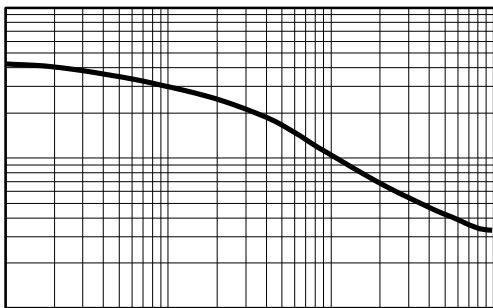
, U 5 H Y H U & X H U U H X \$ W



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

Typical Reverse Current

& D S D F L W S D Q Q F H

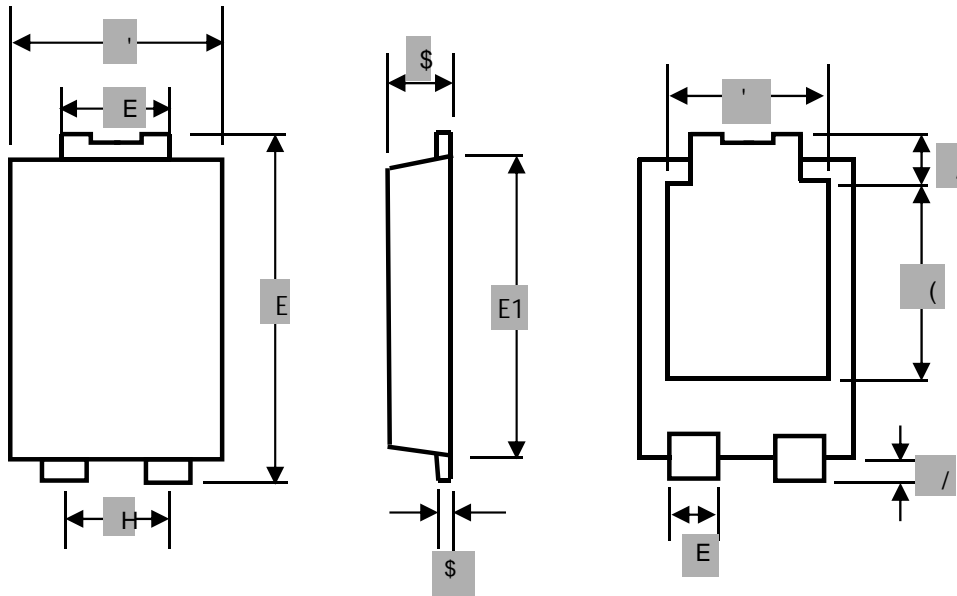


5 H Y H Q R Q H W Q J

Typical Junction Capacitance

3\$&.\$*(287/,1(',0(16,216

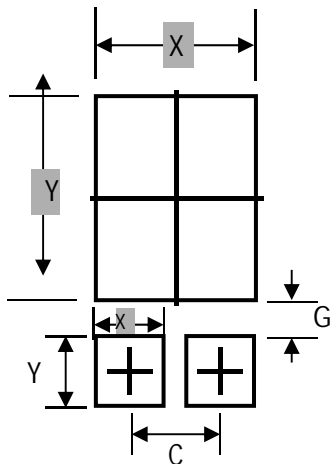
72



72 PHFKDQLFDO GDWD

81,7		\$	\$	E	E	'	'	(((/	/
PP	PD[
	PLQ											
PLO	PD[
	PLQ											

72 6XJJHVWDHGD\RXW



81,7		&	*	;	;		
PP	PLQ						
PLO	PLQ						

0DUNLQJ ,QIRUPDWLRQ

3URGXFW PRGHO 763 / 63 5H HUU

WR DV /

3' & LQIRU ~~ED~~ DWLRQ

< ; ::

|| | |
: : HHN FRGH WR

; , QWHUQDO LGHQWLILFDWLRQ

< < HDU FRGH H[