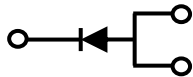


7UHQFK 026 %DUULHU 6FKRWWN\ 5H

763 / 63

TO-277



‡ \$GYDQWUHQFK WHFKQRORJ\

‡ /RZRUZDURGDWDJH GURS

‡ /RZRZURVVHV

‡ +LJHILFLHQF\ RSHUDWLRO

‡ /HDGHLQLVK &RPSOLDQW

‡ '& '& &RQYHUWHUV

‡ \$\$ '&\$GDSWRUV

‡ 6ZLWFKRZHXSSOLHV

‡)UHHZKHHLRQJ

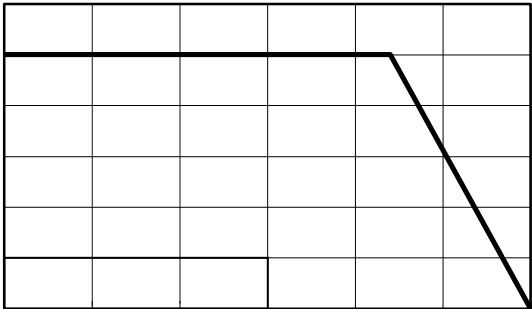
3DUDPHWHU		6\PERO	/LPLW	8QLW
0D[LPHSHVSHUNYHYURQWDJH		9550		9
0D[LPHYHURJHZDUG UFKJWHIQWG		,) \$9		\$
3HDN IRVZDURSUHQW VLQDQHZDYH VXSHULPSQDURSHGLRGH		,) 60		\$
2SHUDMXQDURQWRUDJH WDRSHUDW		XUH 767	WR	f &
7\SLFDO WKHUPDO UHVLVWDQFH SHU		GLRSH ORXQWHG RQ)5		3&f% :
,QVWDQWDQHRROWRDUG SHGLRGH	,) \$	7- f&	7<3	0\$;
	,) \$	7- f&		
	,) \$	7- f&		
	,) \$	7- f&		
,QVWDQWDQHRXU SHUHQW UDWHYHYURQWDJH	7- f&	,5		X\$
	7- f&			P\$

1RWHV

3XOVH WHVVSXOVH ZLGWK GXW\FFOH

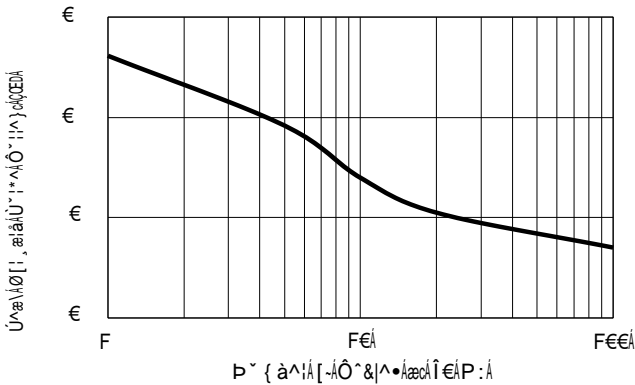
3XOVH WHVW 3XOVH ZLGWK 0

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



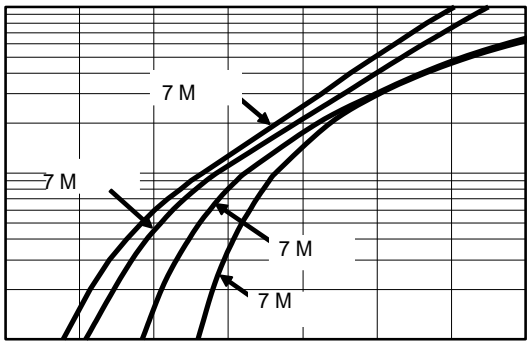
7 F & DVH 7 & HPS

Current Derating, Case



Maximum Repetitive Surge Current

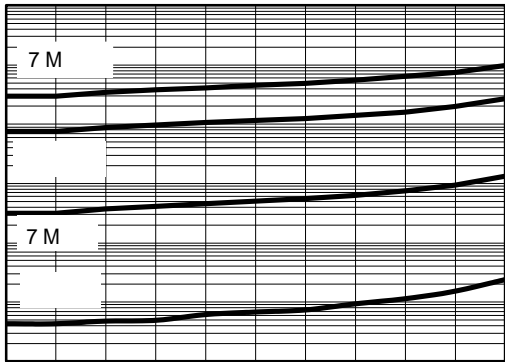
, I, Q V W D Q W J R O U Z F B X G U U H \$ Q W



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

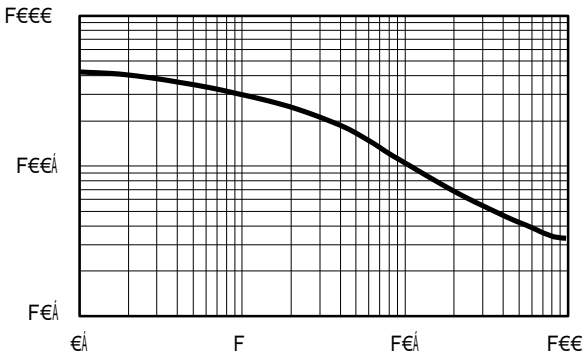
, U S H Y H L & X H U U H X G \$ W



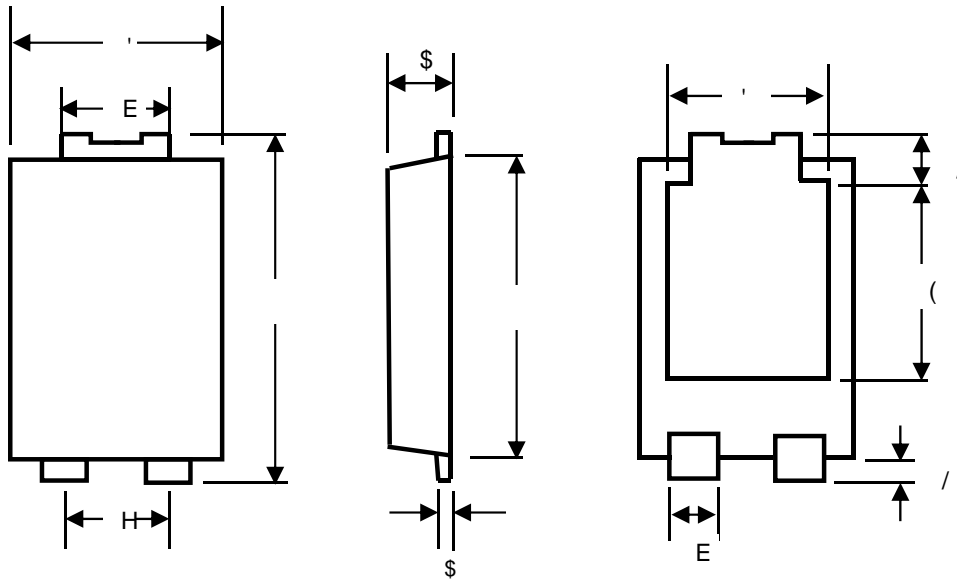
9 5 5 H Y H U V H 9 R O W D J H 9 R O W V

Typical Reverse Current

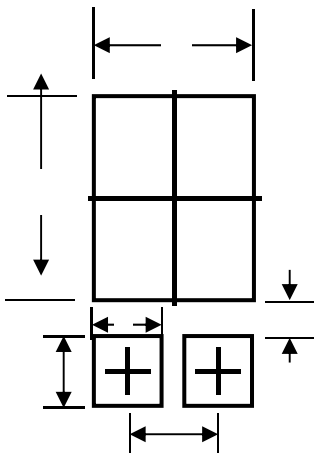
, O a e] a e d i a e } & A C] O D



Typical Junction Capacitance

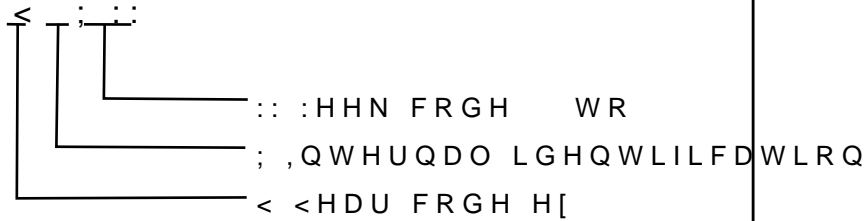
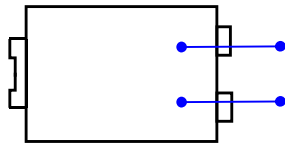


81,7		\$	\$	E	E	'	'	(((/	/
PP	PD[
	PLQ											
PLO	PD[
	PLQ											

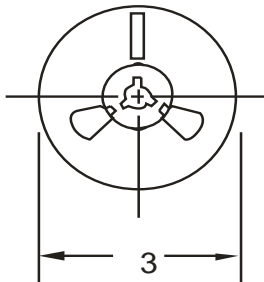


81,7		&	*	;	;		
PP	PLQ						
PLO	PLQ						

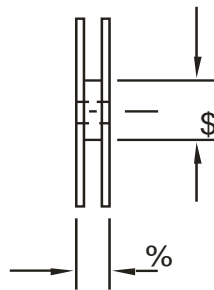
3URGXFW PRGHO 763 / 63 5HHUHH
 WR DV /
 3' & LQIRU ~~ED~~ WLRQ



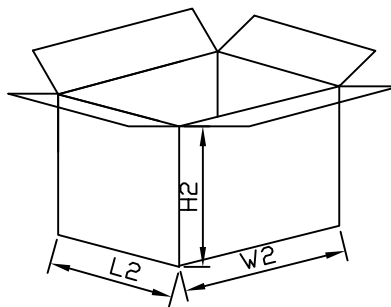
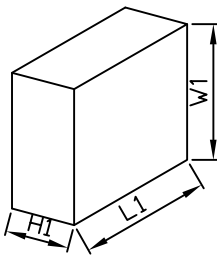
5HHO 'LPHQVLRQV



,QVLGH %R[



2XWVLGH %R[



12	81,	5HHO 'LPHQVLR			,QVLGH %R[2XWVLGH %R[
6L]H	PP	&	\$	%	/	:	+	/	:	+
47<	3&6	6PDOOHVW SDFNDJH			3&6 UHHO			3&63&6HFBOWRQWVWDO		
1RWH		7ROHUDQFHP" PP			PP" PP			PP" PP		