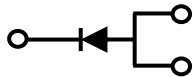


7UHQFK 026 %DUULHU 6FKRWWN\ 5H

763 / 63

TO-277



‡ \$GYDQWUHQFK WHFKQRORJ\

‡ /RZRUZDURGWDJH GURS

‡ /RZRZURVVHV

‡ +LJHILFLHQF\ RSHUDWLRQ

‡ /HDGHLQLVK &RPSOLDQW

‡ '& '& &RQYHUWHUV

‡ \$\$ '&\$GDSWRUV

‡ 6ZLWFKRZHXSSOLHV

‡ )UHHZKHHLRQJ

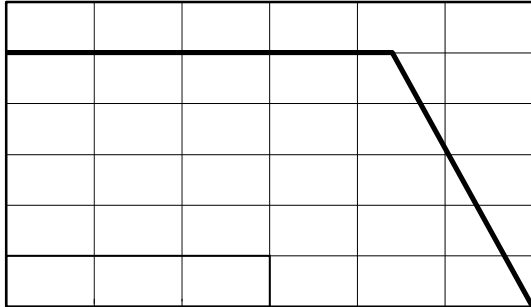
3DUDPHWHU		6\PERO	/LPLW	8QLW
0D[LXPXPHSHVSHUNYHYURQHW DJH		9550		9
0D[LXPYHURDJH ZDUG UFKJWHIQWG		,) \$9		\$
3HDN IRVZDURSUHQW VLQRDHLQZDYH VXSHULPBRDCHGRSGLRGH		,) 60		\$
2SHUDMXQRDQLRQWRUDJH WDRSHUDW XUH 767			WR	f &
7\SLFDO WKHUPDO UHVLVWDQFH SHU		GLSRGH	ORXQWHG RQ )5	3&f% :
,QVWDQWDQHRRQWRUJZDUG SHGLRGH	,) \$	7- f&	7<3	0\$;
	,) \$	7- f&		
	,) \$	7- f&		
	,) \$	7- f&		
,QVWDQWDQHRXUJSHUHQW UDWHYHYURQHW DJH		7- f&		X\$
		7- f&		P\$

1RWHV

3XOVH WHVVSXOVH ZLGWK GXW\ F\FOH

3XOVH WHVW 3XOVH ZLGWK 0

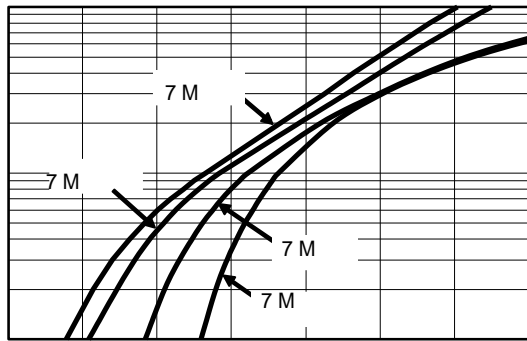
, I, \$ Y H U D R H U Z D R U G U U H Q W



7F & DVH 7&HPS

Current Derating, Case

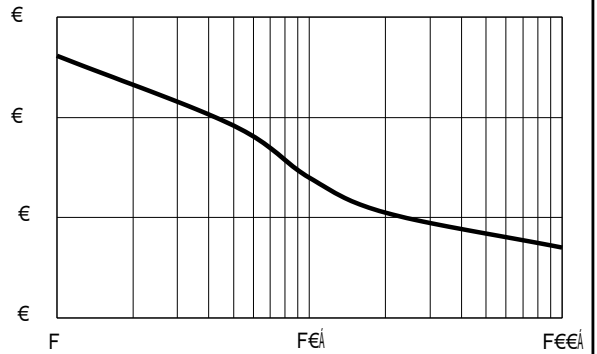
, I, Q V W D Q W J R O U Z F R U G U U H Q W



9I , 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

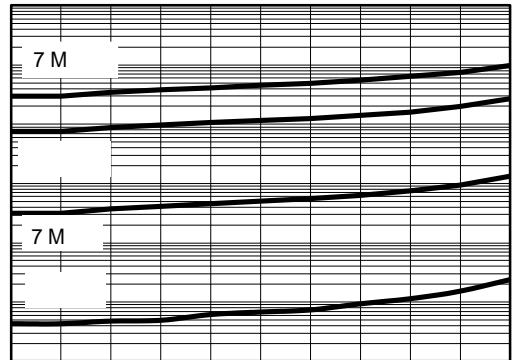
Typical Forward Voltage

, U M A V Q I , a i a U ' \* A I O ' I A ) a Q D E A



Maximum Repetitive Surge Current

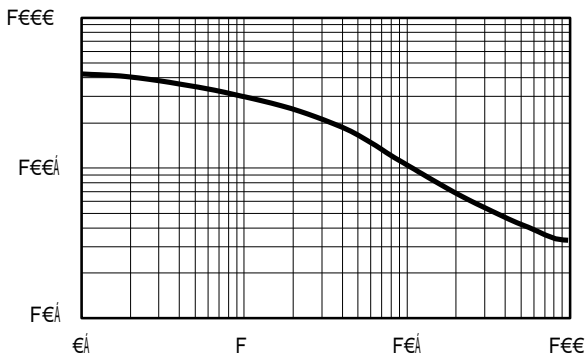
, U 5 H Y H L A X H U U H X Q W



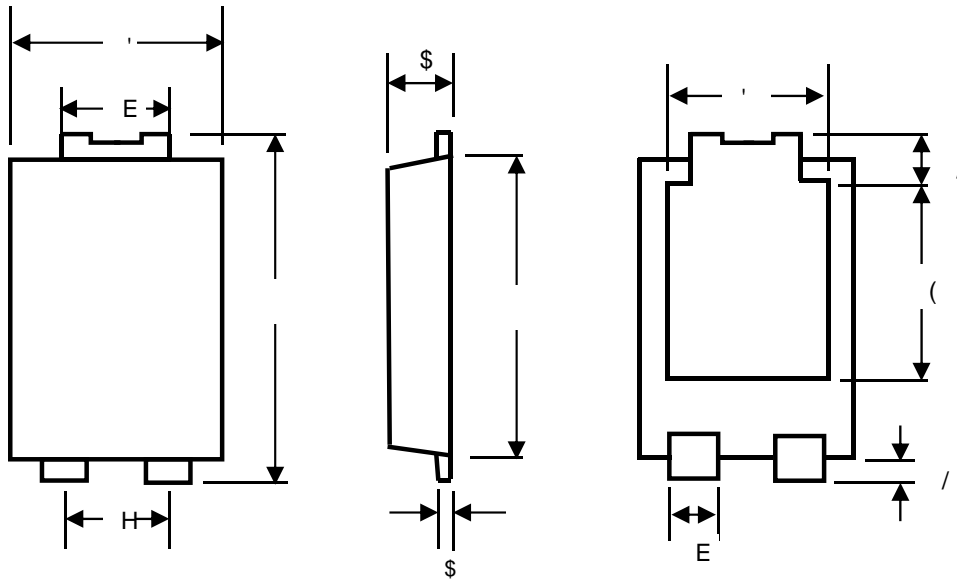
95 5HYHUVH 9ROWDJH 9ROWW

Typical Reverse Current

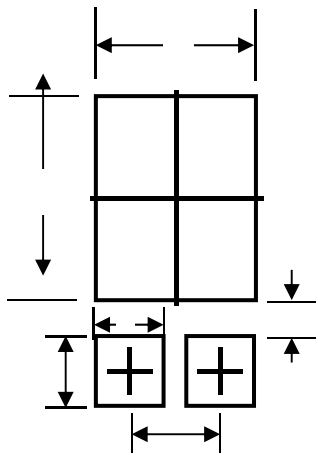
, O a e ] a s i a e } & A Q ] O D



Typical Junction Capacitance

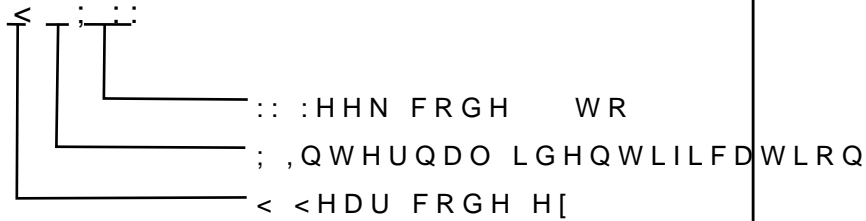
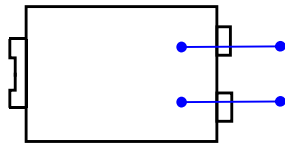


81,7		\$	\$	E	E	'	'	(	(	(	/	/
PP	PD[											
	PLQ											
PLO	PD[											
	PLQ											

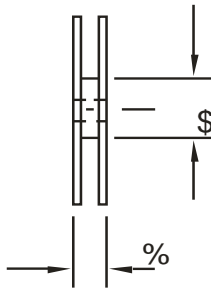
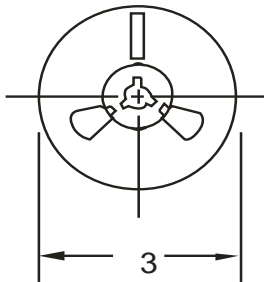


81,7		&	*	;	;		
PP	PLQ						
PLO	PLQ						

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

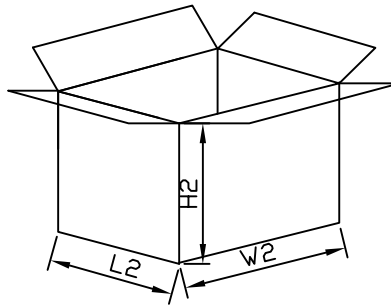
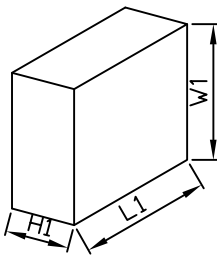


5HHO 'LPHQVLRQV



,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 & 6 H F B O W R Q W R D O O		
1RWH		7ROHUDQFHP" PP			PP" PP			PP" PP		