

7UHQFK 026 %DUULHU 6FKRWWN\ 5H

DO-201AD

TSA /



Cathode \leftarrow Anode

Features

- ‡ \$GYDQWUHQFK WHFKQRORJ\
- ‡ /RZRUZDURGDWDJH GURS
- ‡ /RZRZURVVHV
- ‡ +LJHILFLHQF\ RSHUDWLRO
- ‡ /HDGHHLQLVK &RPSOLDQW

Applications

- ‡ ' & ' & RQYHUWHUV
- ‡ \$ & ' & GDSWRUV
- ‡ 6ZLWFKRZHXSSOLHV
- ‡)UHHZKHHLRGLJ

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

3DUDPHWHU		6\PERO	/LPLW	8QLW
0D[LXPXPHSHVSHUNYHYURQWDJH		9550		9
0D[LXPYHURJHZDUG UFXEWHIQWG		,) \$9		\$
3HDN IRUZDURSUHQW VLQRDHLQZDYH VXSHULPSURDCHVRSGLRGH		,)60		\$
2SHUDMXQRDQLRQWRUDJH WHPSHUDW		X0H76D°C	JH WR	f &
7\SLFDO WIKHULPVRDCH		'2 \$'	5\$-&	f & :
,QVWDQWDQHRROWRDURZDUG SHGLRGH	,) \$	7- f &	7 < 3	0\$;
	,) \$	7- f &		
	,) \$	7- f &		
	,) \$	7- f &		
,QVWDQWDQHRXUUSHOMRQW UDWHYHYURQWDJH	7- f &	,5		X\$
	7- f &			X\$

1RWHV

3XOVH WHVVSXOVH ZLGWK GXW\F\FOH

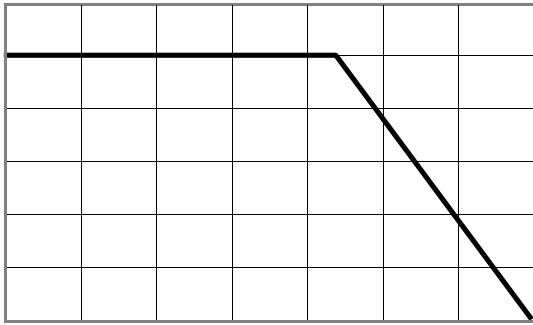
3XOVH WHVW 3XOPH ZLGWK 0

RATINGS AND CHARACTERISTICS CURVES

7\$

f & XQOHVQRWKBUZLVH

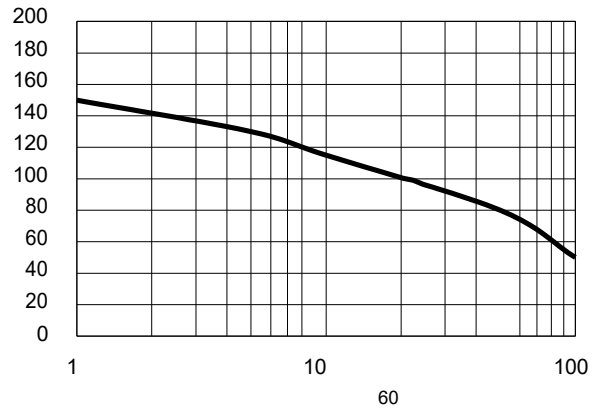
, I \$ Y H U D R H Z D S U X G J U H \$ Q W



7F & DVH 7&HPS

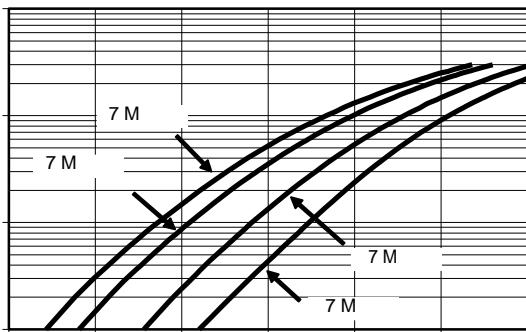
Current Derating, Case

3 HD J R U Z D S U X G J U H \$ Q W



Maximum Repetitive Surge Current

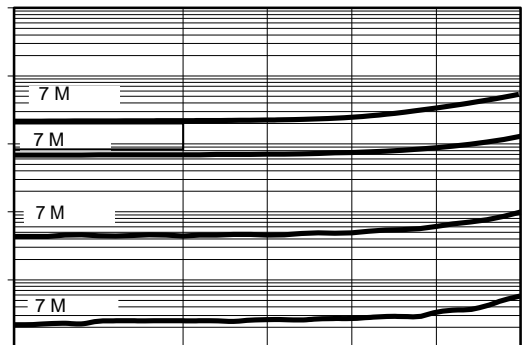
, I , Q V W D Q W R Q Z B S X G J U H \$ Q W



, 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

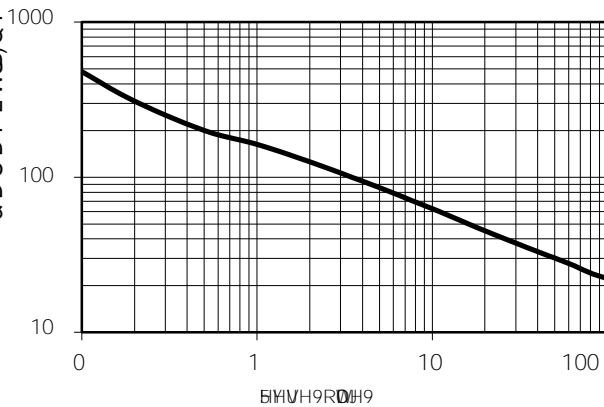
, U 5 H Y H & X H U U H K \$ W



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

Typical Reverse Current

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



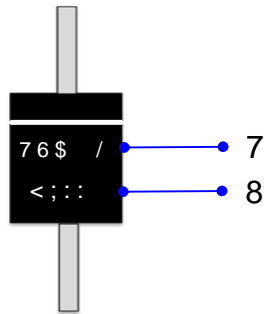
5 H V H 9 R O W D J H 9

PACKAGE OUTLINE DIMENSIONS



0DUNLQJ ,QIRUPDWLRQ

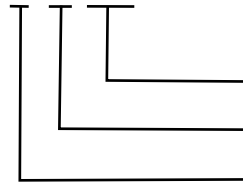
&DWKRGH



\$QRGH

73URGXFW PRGH

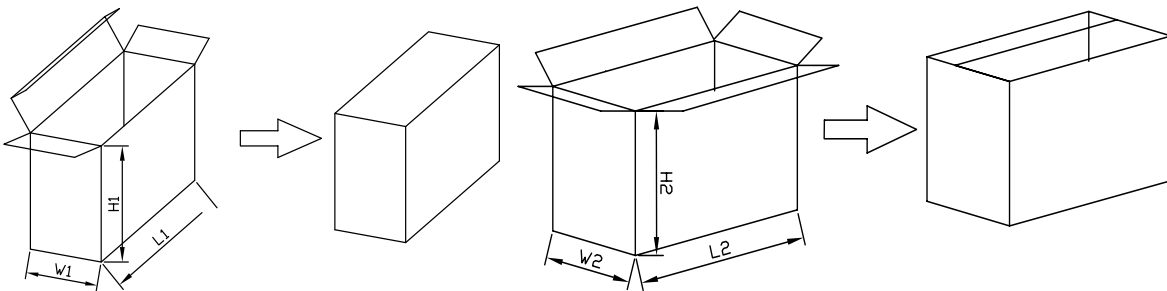
83'& LQIRUPDWLRQ



3DFNDJLQJ ,QIRUPDWLRQ

,QVLGH %R[

2XWVLGH %R[



3DFNDJLQJ ,QIRUPDWLRQ

12	81,	,QVLGH %R[2XWVLGH %R[
		/	:	+	/	:	+
6L]H	PP						