



76\$ 9

129

7UHQFK 026 %DUULHU 6FKRWWN\ 5H

DO-201AD
TSA 9



Cathode Anode

Features

- ‡ \$GYDQWUHQFK WHFKQRORJ\
- ‡ /RZRZURGRWDJH GURS
- ‡ /RZRZURVHV
- ‡ +LJHILFLHQF\ RSHUDWLRO
- ‡ /HDGHHLQLVK &RPSOLDQW

Applications

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

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

3DUDPHWHU		6\PERO	/LPLW	8QLW
0D[LXPXSHVSHUNYHYURQWDJH		9550		9
0D[LXPYHURJHZDUG UFXJWHIQWG		,) \$9		\$
3HDN IRVZDUEBUUHQW VLQDQH QZDYH VXSHULP & QDWHGRS & GLRGH		,) 60		\$
2SHUDMXQEDQGRWRUDJH WHPSHUDW		X0H767°C	JH WR	f &
7\SLFVQCHUPDO USHVULVQHDQFH		'2 \$'	5\$-&	f & :
,QVWDQWDQHRROWRDUZDUG SHGLRGH	,) \$	7- f&	7 < 3	0\$;
	,) \$	7- f&		
	,) \$	7- f&		
	,) \$	7- f&		
,QVWDQWDQHRXUUSHOMRQWH UDWHYHYURQWDJH	7- f&	,5		X\$
	7- f&			P\$

1RWHV

3XOVH WHVVSXOVH ZLGWK GXW\F\FOH

3XOVH WHVW 3XOPWH ZLGWK 0



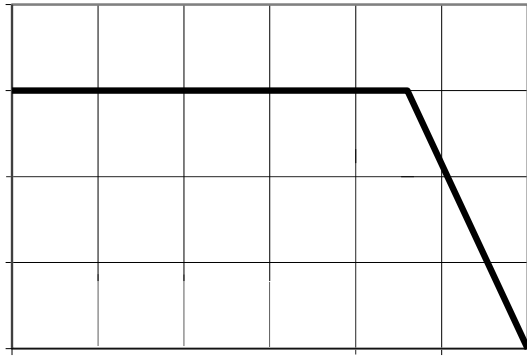
76\$ 9

129

RATINGS AND CHARACTERISTICS CURVES 7\$

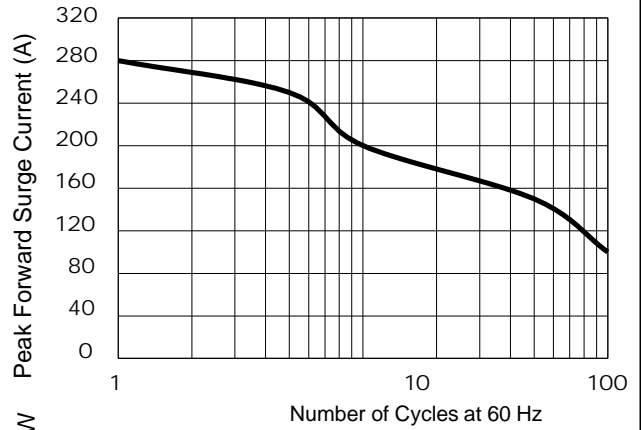
QVVRWUZVHRWG

I \$ Y H U P R H Z & X G U \$ Q W



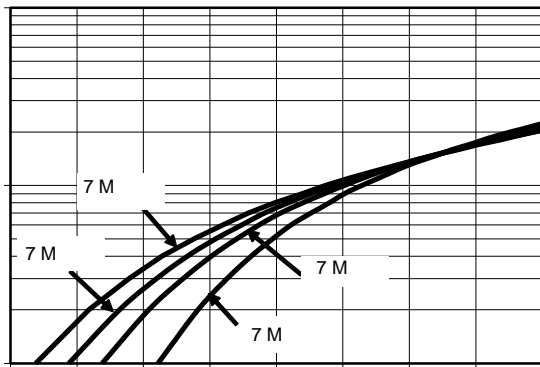
7, /HDG 7HRS

Current Derating, Case



Maximum Repetitive Surge Current

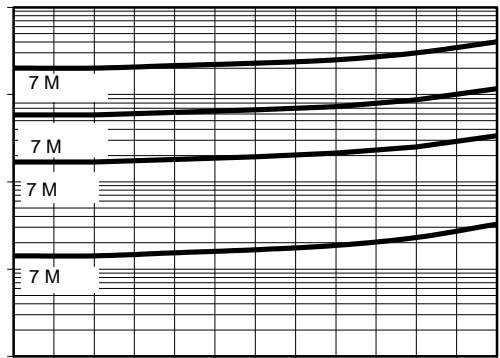
I, Q V W D Q W R Q Z B X X U H Q W



91 , Q V W D Q W D Q H P X W) R J H Z D R U G

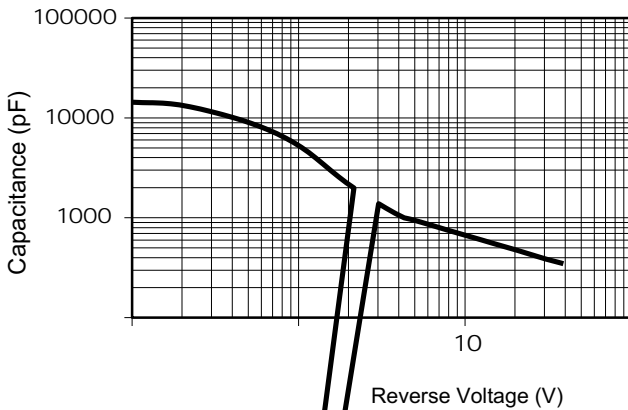
Typical Forward Voltage

, U 5 H Y H U V H X X U U H Q W



95 5HYHUVH 9ROWDJH 9ROWV

Typical Reverse Current



Typical Junction Capacitance

76\$ 9 5HY

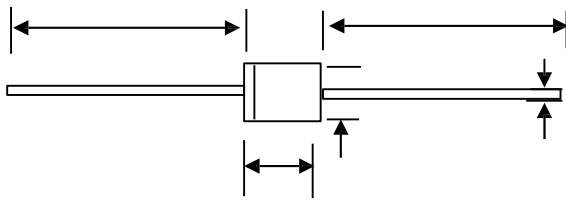
100
0

: R U O G , Q W H & J Q L D C W L F R L Q W D H O G

100

PACKAGE OUTLINE DIMENSIONS

DO-201AD

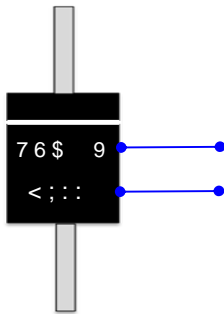


DO-201AD mechanical data

UNIT		A	B	C	D
mm	max	26.5	9.5	1.4	5.3
	min	24.5	7.3	1.1	4.8
mil	max	1043.30	374.01	5.1	208.67
	min	946.57	287.40		188.97

0DUNLQJ ,QIRUPDWLRQ

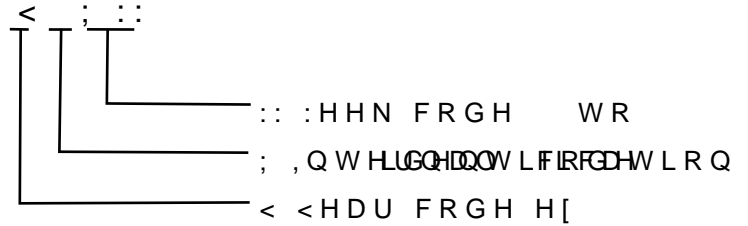
Cathode



\$QRGH

73URGXFW PQRGH

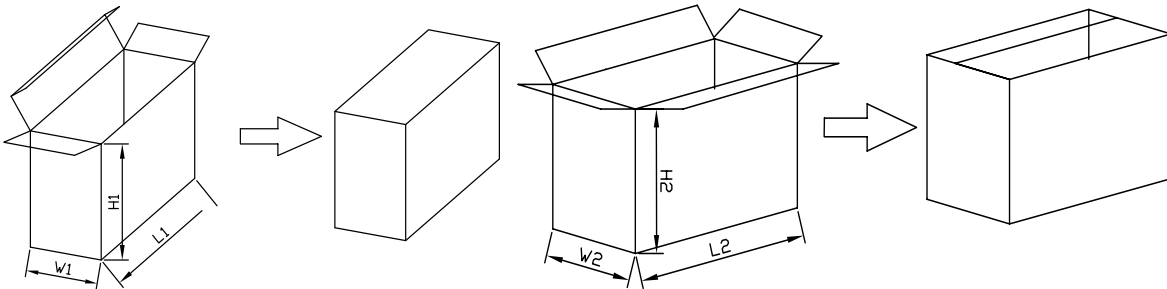
83' & LQIRUPDWLRQ



DWU] b [' =bZcf aUh] cb

% =bg] XY 6cl

&' G hg] XY 6cl



DWU] b [' =bZcf aUh] cb

BC	I B=H	=bg] XY6cl			G hg] XY 6cl		
G] nY	aa	@%	K%	<%	@&	K&	<&
		&)	+))	%4Í	4FÍ	Gí€	HG€
ÛVŸ	ÚÔÙ	Ù { æ ^•cá }æ& \æ* ^ÉF€€€ÚÔÙD&æ;c [}Á			F€€€€ÚÔÙD&æ;c [}ÉF€à [c^•há }Ác [cæ]		
P [c^	V [^iæ}&^	mG€ { { É†H { { L GFÉF€€ { { É†Í { { L			F€FÉÍ€€ { { É†F€ { {		