



# PTZXXB SERIES

## Surface Mount Zener Diodes

### Features

" /RZ SURILOH SDFNDJH  
 " ,GHDO IRDUWHDGSRP DDFHPHQW  
 " \*ODVV SDVVLYDWHG FKLS MXQFWLRQ  
 " +LJK IRUZDUG VXUJH FDSDELQW\  
 " 0HHWV 06/ OHYHO SHU - 67' /) PD[LPXP  
 RI f &

### Mechanical Data

" Package '2 \$ & 60\$  
 0ROGLQJ FRPSR/QG PHHWDPPDELQW\  
 UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH  
 " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S  
 - 67' DQG -(6' %  
 " Polarity: &DWKRGH OLOWKBFORWKRGH HQG

### Maximum Ratings

PARAMETER	SYMBOL	UNIT	MAX
'& SRZHU GLVVLSDWLRQ DW 7/ f &	3	:	
0D[LPXP LQVWDQWDQHRXV, IRU DUG YROWDJH# , 9			9
0D[LPXP MXQFWLRQ WHPSHUDWXUH	M		7 WR
6WRUDJH WHPSHUDWXUH UDQJH	VWJ		7 WR

### Thermal Characteristics

PARAMETER	SYMBOL	UNIT	Conditions	VALUE
7KHUPDO UHVLVWDQFH 7SLFDO	5 . /	:	MXQFWLRQ WR OHDG	
	5 . s	:	MXQFWLRQ WR DPELHQW	

1RWH

7KHUPDO UHVLVWDQFH HWIRUPDQFH QDG OHDG OHDGMPXQFWLRQ RQ 3 & % ZLWKFRSSHU SDG DUF

### Maximum reverse leakage

							current		Maximum DC Zener Current
	Min $V_Z^{(1)}$ at $I_{ZT}$	Typ. $V_Z^{(1)}$ at $I_{ZT}$	Max $V_Z^{(1)}$ at $I_{ZT}$	$I_{ZT}$	$Z_{ZT}$ at $I_{ZT}$	$I_R$	Test voltage $V_R$	$I_{ZM}$	
	V	V	V	mA		$\mu A$	V	mA	
37 = %									
37 = %									
37 = %									
37 = %									
37 = %									



# PTZXXB SERIES

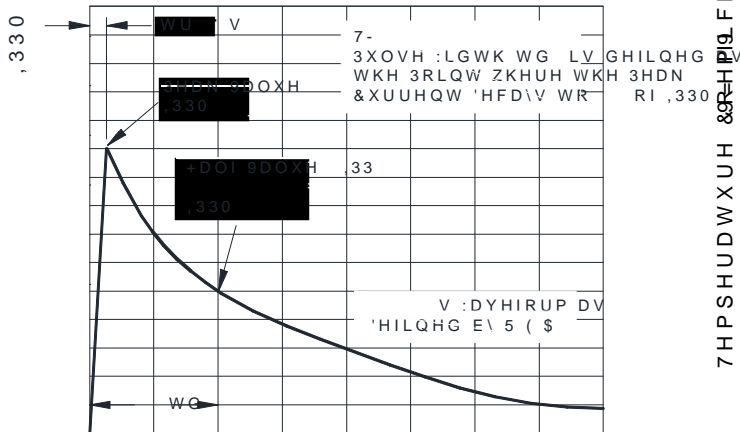
Part Number	Nominal Zener voltage			Test current	Maximum dynamic impedance resistance	Maximum reverse leakage current		Maximum DC Zener Current
	Min $V_Z^{(1)}$ at $I_{ZT}$	Typ. $V_Z^{(1)}$ at $I_{ZT}$	Max $V_Z^{(1)}$ at $I_{ZT}$			$I_{ZT}$	$Z_{ZT}$ at $I_{ZT}$	
	V	V	V	mA		$\mu A$	V	mA
37 = %								
37 = %								
37 = %								
37 = %								



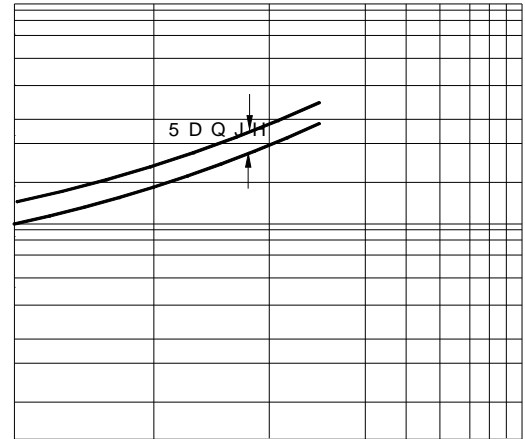
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## Characteristics 7 \ S L F D O

),\* 3XOVH :DYHIRUP



),\* 7HP SHUDWXUH & RHILFLHQWV Y



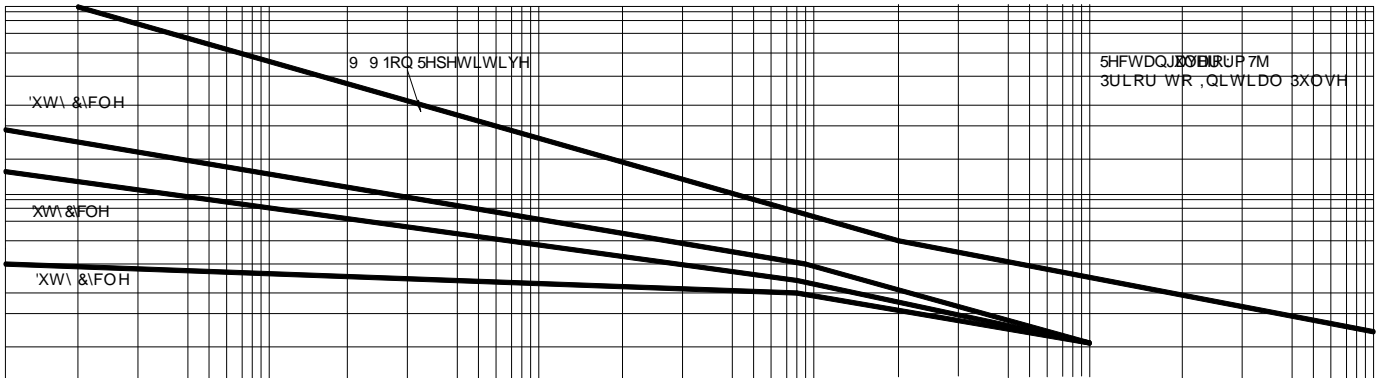
7HP SHUDWXUH & RHILFLHQWV Y

W P V A

= H Q H U 9 R O W D J H 9 ]

),\* OD[LXPX 6XUJH 3RZHU

3HDN 6XUJH 3RZHU 3S. :



3XOVH LGWK P 3

## Ordering Information ([ D P S O H

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
37 = ; ; % 6 ( 5 , ( 6 )		\$ S S U R [ L P D W H				

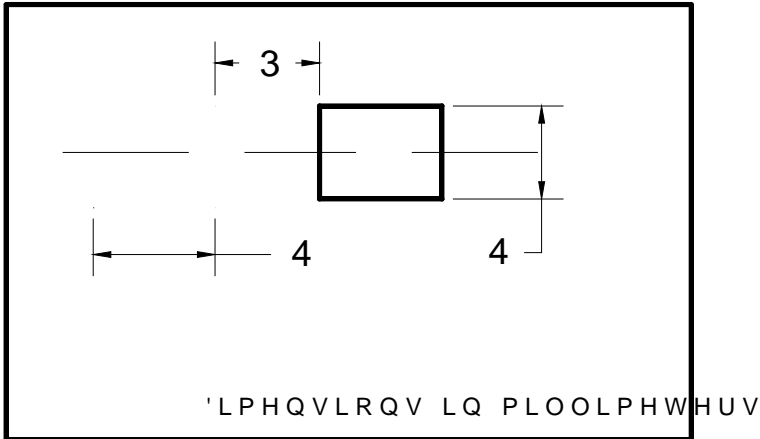


# PTZXXB SERIES

## vOutline Dimensions

DO-214AC(SMA)		
'LP	0LQ	0D
\$		
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'		
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)		
*		
+		
,		

## Suggested Pad Layout



DO-214AC(SMA)	
'LP	0LOOLPHWHUV
3	
3	
4	
4	

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