



ESD5V0D5

ESD Protection Diode

Features

")RU VHQVLWLYH (6' SURWHFWLRQ
" /RZ OHDNDJH
" 8QL GLUHFWRQRDO (6' SURWHFWLRQ RI R
" (SR[\ PHHWV 8/ 9 IODPPDELOLW\ UDW
" 0RLVWXUH 6HQVLWLYLW\ /HYHO

Mechanical Data

" Package 62'
" Terminals 7LQ SODWHG OHDGV VROGHUDEO
- 67' DQG -(6' %
" Polarity: &DWKRGH OLQH GHQRWHV WKH FDW
" Marking: =)

Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
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2SHUDWLQJ -XQFWLRQ 6WRUDJH 7HPSHUDWXUH767* WR 7

3HDN 3XOVH &XUUHQW	33 ^{A A}		\$

	33
7HVW &XUUHQW	7
5HYHUVH /HDNDJH5&XUUHQW# 9	5
5HYHUVH 6WDQGRII 9ROWDJH	5:0
)RUZDUG 9ROWDJH# ,	)

,

9

9



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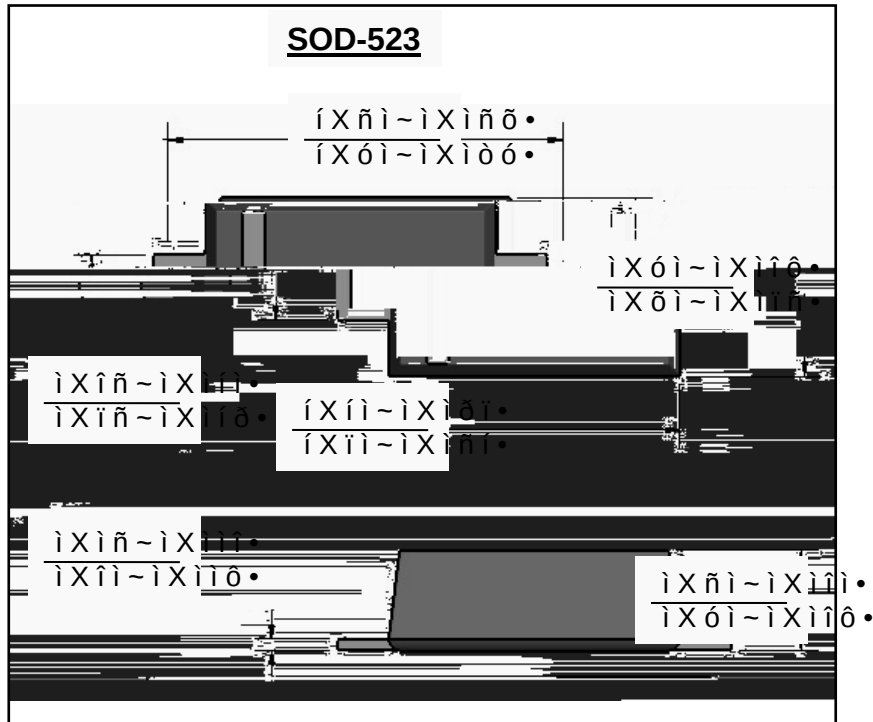
Electrical Characteristics $T_a=25^\circ\text{C}$ Unless otherwise specified

PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
5HYHUVH 6WDQGRII 9ROWDJH	$9_{5:0}^{\text{A A}}$	9				
5HYHUVH /HDNDJH &XUUHQW	5		, 5:0 9 X	\$		
%UHDNGRZQ 9ROWDJH	%5	9	7 P\$ 9		,	
&ODPSLQJ 9ROWDJH	$9_{\&}^{\text{A A}}$	9	33 \$ÈWS XV			
)RUZDUG YROWDJH	)	9	) P\$ 9			,
3HDN 3RZHU 'LVVLSDWLRQ		3 SN	:	WS	XV	

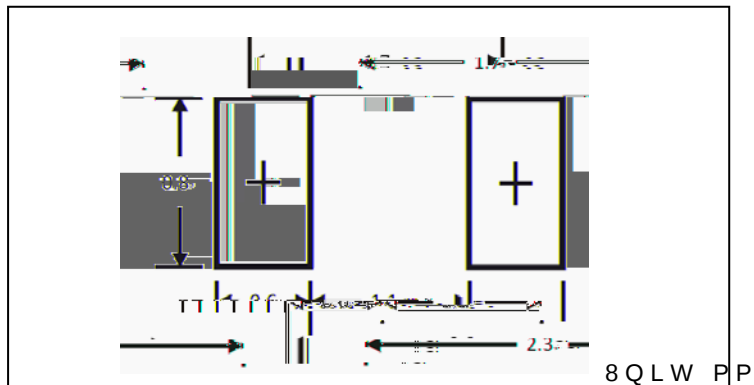
9



vOutline Dimensions



■ Soldering Footprint





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Disclaimer

7KH LQIRUPDWLRQ SURGXFWHG LV IRU LQKHUHQFH RQLYHQ (OHFWURQLF 7HHKRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLVURDGXERQV RGLWSOD\HG KHUHLQ WRGLHPSLURY
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVLJQHG WR RFEHTXVLSDHQWKRURGHLYLFWHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLW KHKEJDOXHQFHVGRQURHOLMDLGRVODQFHU DXP
PHGLFDO LQVWUXPHHQVHTXLSHQSVRUDWHURVSDXFOHDEKWLQDFWHUOFRQQWURERODHUU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOE WKDQ OLVEXLHLWQRUWHQSRQVREJHVHUV
RI VDOH

7KLV SXEOLFDWLRQ SXSDSHUWIDGVLQURUPDWSLSDQISGHYLRXDGGLWLRQDO LQWRUPDWLR
KWV [VZZ](#) [\DQJMLH](#) RFRPRQVXOW \RXU QHDUHVW <DQJMLHWHQVFOHV RILFH IRU IXUW