



ESD5V0D5

ESD Protection Diode

Features

")RU VHQVLWLYH (6' SURWHFWLRQ
" /RZ OHDNDJH
" 8QL GLUHFWRQRDO (6' SURWHFWLRQ RI
" (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
2SHUDWLQJ -XQFWLRQ 6WRUDJH 7HPSHUDWXUH _{67°}		WR 7	CÀ` @ 'yf1tHta5i -

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

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

,

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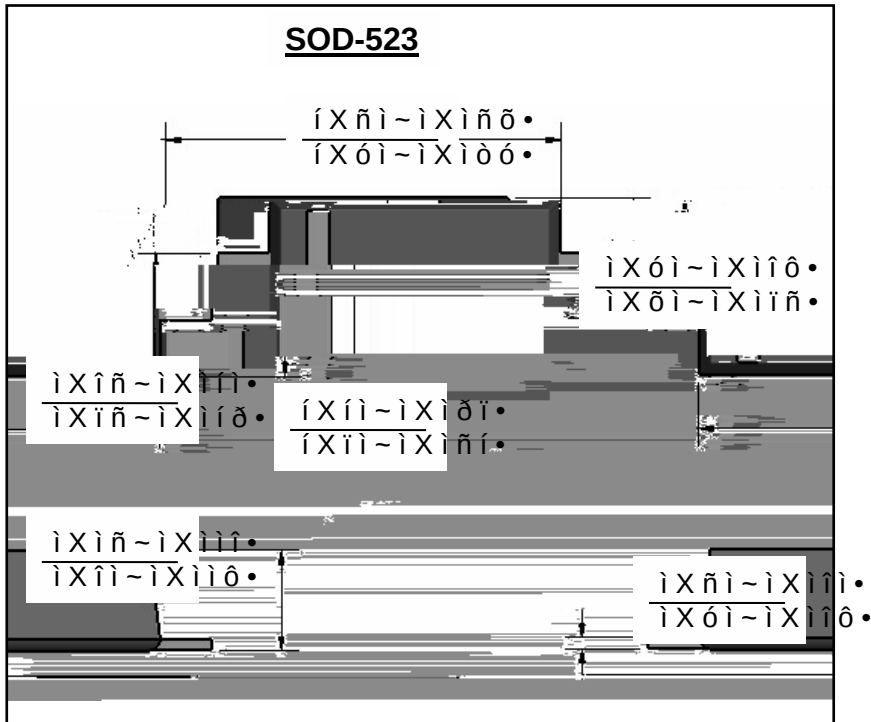
ESD5V0D5

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			

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vOutline Dimensions



■ Soldering Footprint





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Disclaimer

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

7KH SURGXFW OLVWHG KHUHLQ LV GHVLJQHG WR RFEHTXVLSDZLWKRURGHLYLFWHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKKHPDQOXQYHVGRRQLRHHOZLWNLQRVDDQFHU
PHGLFDO LQVWUXPHQWVITWLSRQHQRUWHHURVSDXFOHDEKWLQDFWHUOFRQQWQERODHUU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOEMKROU OLVEXLHLWQRUWHQSRQYEBJHVHUV
RI VDOH

7KLV SXEOLFDWLRQ SXSDSHUWIDGVLQURUPDWSLSDQLSDHYLRXDGGLWLRQDO LQWRUPDWLR
KWVZ_Z \DQJMLHRRRFRQVXOWIRXU QHDUHVW <DQJMLHWHYQFHOHV RILFH IRU IXUW