



ESD5V0D5

ESD Protection Diode

Features

")RU VHQVLWLYH (6' SURWHFWLRQ
 " /RZ OHDNDJH
 " 8QL GLUHFWRQRDO (6' SURWHFWLRQ RI
 " (SR[\ PHHWV 8/ 9 IODPPDELWLW\ 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

3HDN 3XOVH &XUUHQW	^{A A} 33		\$
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	33
7HVW &XUUHQW	7
5HYHUVH /HDNDJH ₅ &XUUHQW# 9	5
5HYHUVH 6WDQGRII 9ROWDJH	5:0
)RUZDUG 9ROWDJH# ,)



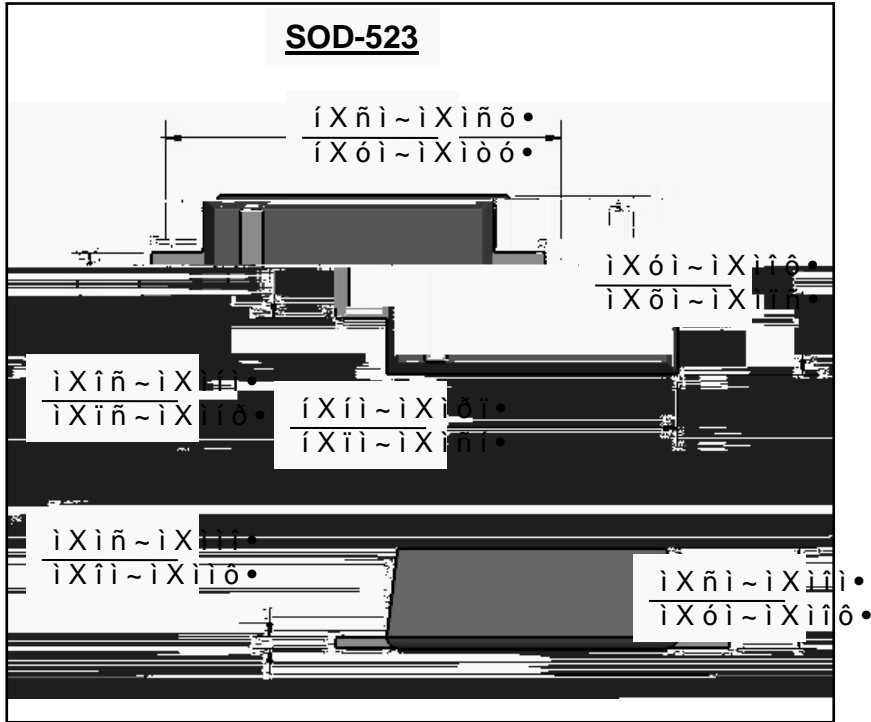
ESD5V0D5

Electrical Characteristics $T_a=25$ Unless otherwise specified \AA

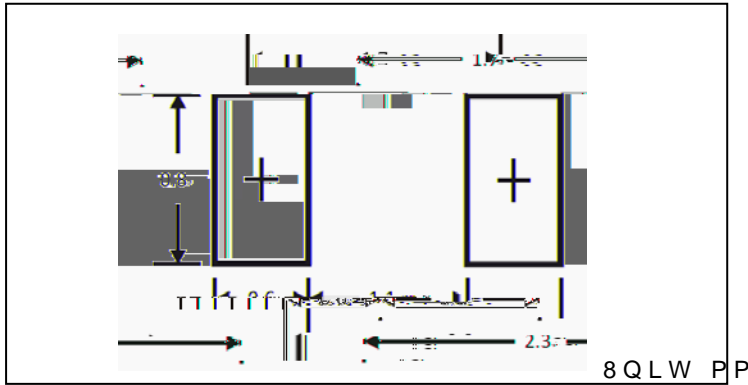
PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
5HYHUVH 6WDQGRII 9ROWDJH	$9_{5:0}^{\text{\AA} \text{\AA}}$	9				
5HYHUVH /HDNDJH &XUUHQW	5		, 5:0 9 X	\$		
%UHDNGRZQ 9ROWDJH	%5	9	7 P\$ 9		,	
&ODPSLQJ 9ROWDJH	$9_{\&}^{\text{\AA} \text{\AA}}$	9	.33 \$ È WS XV			
)RUZDUG YROWDJH)	9) P\$ 9			,
3HDN 3RZHU 'LVVLSDWLRQ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

9

vOutline Dimensions



Soldering Footprint





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Disclaimer

7KH LQIRUPDWLRQ SGRFWRUHQW LQ IRKLVHDIHQJHQRK BQJMLH (OHFWURQLF 7HFKQRO
ULJKW WR PDNH FKDLFHVRZLWKR XWSKRLSULFRG\KFRV\ RGLWSOD\HG KHUHLQ WURGLFVSLWRQ
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVQLHFWGRVOR FEHTXLVISEHZLWKRUR LGHLYLDFWVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLW KHKE DKOXHQFVQGRQLRHHOZLWNLORVGDQXFKU DXP
PHGLFDO LQVWUXPHRQVHTWLSDFHCSRUDWHURV SODFHODFDKULQDFWRLQFRQVWURGHU
GHYLFHV <DQJMLH RU DQ\ RQH RQ LWV OEVK DQJ OLVEXLH WQRU WDFV RQVREBJKHV HUH
RIVDOH

7KLV SXEOLFDWLRQ SVXSSFHUWIDGIDVLQURQV D\SLRQLS GHYRURXVGLWLRQDO LQWRHUPDWLR
KWV [VZ](#) [\DQJMLHRFRFR](#) PRQVXOW \RXU QH DUH VW <DQJMLH VHQVHQHV RILFH IRU IXUW