



BAV19WQ THRU BAV21WQ

Small Signal Switching Diodes

Features

- (SR) PHHWV 8/ 9 ELCPUDWLQJ DQG KDO
- 0RLVWXUH 6HQVLWLYLW\ /HYHO
- 50 9 WR 9
- 9 P\$
- 3DUW QR ZLWKHQVLS (34 4 TXDOLILHG

Maximum Ratings

PARAMETER	SYMBOL	UNIT	CONDITIONS	PART	VALUE
5HYHUVH 9ROWDJH	5	9		%\$9 :4	
			9	%\$9 :4	
				%\$9 :4	
5HSHWLWLYH 3HDN 5HYHUVH 9ROWDJH	5	9		%\$9 :4	
			9 9	%\$9 :4	
				%\$9 :4	
\$YHUDJH)RUZDUG &XUUHQW	)\$9		, P \$		
1RQ 5HSHWLWLYH 3HDN)RUZDUG 6XUJH &XUUHQW PV ,	6				



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vElectrical Characteristics ΔT_D 8QOHVV RWKHU Δ LVH VSHFLILHG

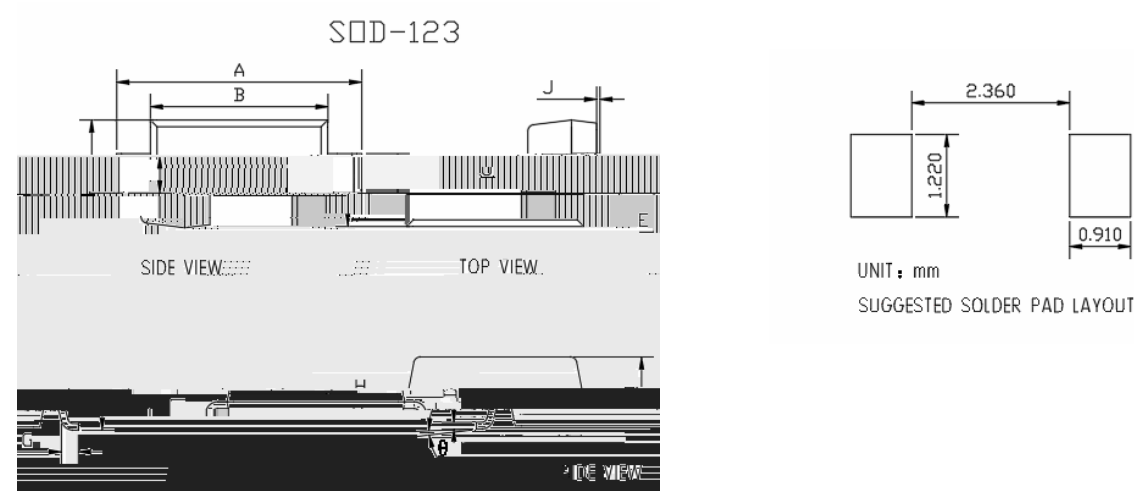
PARAMETER	SYMBOL	UNIT	CONDITIONS		MIN	MAX
5HYHUVH 9ROWDJH	5	9	% \$ 9 : 4	5 , X \$		
			% \$ 9 : 94	5 , X \$		
			% \$ 9 : 4	5 , X \$		
)RUZDUG 9ROWDJH	)	9	) P \$			
			) P \$			
5HYHUVH &XUUHQW	5		% \$ 9 : 4	5 9 9		
			% \$ 9 : 4	5 \$9 9		
			% \$ 9 : 4	5 9 9		
'LRGH &DSDFLWDQFH	.	&	5 9S 9 I) Q +		9	
5HYHUVH 5HFRYHU\ 7LPH	UU	W	P \$, Q U 5 5 , V		,	





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vOutline Dimensions



DIMENSIONS				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.140	0.152	3.550	3.850
B	0.100	0.112	2.550	2.850
C	0.055	0.071	1.400	1.800
D	0.037	0.053	0.950	1.350
E	0.020	0.028	0.510	0.710
F	0.018	0.150	0.450	
G			0.006	
H	0.010	0.080	0.250	
J	0.006	0.000	0.150	
θ	8°	0	8°	0

vMarking Information

PN	Marking
% \$ 9 : 4	\$
% \$ 9 : 4	7
% \$ 9 : 4	7

1RWH
\$OO PDUNLQJ LV DW PLGGOH RI WKH SURGXFW ERG\
\$OO PDUNLQJ LV LQ ODVHU PDUNLQJ
%RG\ FRORU %ODFN



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Disclaimer

7KH LQIRUPDWLRQ SGRVHQMHG LQ WKLV DIHJPHQW (OHFWURQLF 7HHQRO
ULJKW WR PDNH FKDLQH VRZLWKRXVSKRSLURGXFRQGLWSOD\HG KHUHLQ WURGLPSURQY
RU RWKHUZZLVH

7KH SURGXFWQLVGHV\KJQH WR EH MHHGHZEDIDQWPGWLYJPHHGURDOXVHLHQVDYL
VXVWDLQLQJ RU RUODVDRQH-RQJMMHQRKDVSBRQXLEHOLW\ RU OLDELOLWXFRU DQ\
LPSURSHU XVH RI VDOH

7KLV SXEOLFDWLRQ SXSDSHUWIDGDLQURQPDVLSRQLSGHYLURXVGLWLRQDO LQWRUPDWLR
KWW [VZZ](#) \DQJMLHRFRFRQVXOW\RXU QHDUHVW <DQJMLHWDQVFBIOHV RILFH IRU IXUW