



ES1AW THRU ES1JW

Surface Mount Super Fast Recovery Rectifier

Features

" /RZ SURILOH SDFNDJH
" ,GHDO IRUWDHGWSDPFDHFPHQW
" *ODVV SDVVLYDWHG FKLS MXQFWLRQ
" +LJK IRUZDUG VXUJH FDSDELOLW\
" 6XSHU)DVW UHYHUVH UHFRYHU\ WLPH
" 0HHWV 06/ OHYHO SHU - 67' /) PD[LXP
RI f &

Typical Applications

)RU XVH LQ KLJK IUFDWHQ\ RUHSWZHU VXSSO
LQYHUWHUV FRQYHUWLQV OLQG HUWHZRZK FRQ
DQG WHOHFRPPXQLFDWLRQ

Mechanical Data

" Package '2 \$ & 60\$

Maximum Ratings

PARAMETER	SYMBOL	UNIT	ES1AW	ES1BW	ES1CW	ES1DW	ES1FW	ES1GW	ES1HW	ES1JW
'HYLFH PDUNLQJ FRGH			(6 \$:	(6 %:	(6 &:	(6 ':	(6):	(6 *:	(6 +:	(6 -:
0D[LPXP 5HSHWLWLYH 3HDN550YHU9ROWDJH										
0D[LPXP 506 9ROWDJH	9506	9								
0D[LPXP '& EORFNLQJ 9ROWDJH		9								
\$YHUDJH UHFWLILHG RXWSXW FXUUHQW # +] VLQH ZDYH UHVLVWDQFH ORDG 7/)LJ\$										
)RUZDUG 6XUJH &XUUHQW # +] +DOI VLQH ZDYH - F\FOH 7M	1RQ UHSHWLWLYH									
)RUZDUG 6XUJH &XUUHQW # PV VTXDUH ZDYH - F\FOH 7M	1RQ UHSHWLWLYH									
&XUUHQW VTXDUHG WLPH # PV"W" PV 7M	,W	\$ V								
6WRUDJH WHPSHUDWXUH	7VWJ	-					a			
-XQFWLRQ WHPSHUDWXUH	7M	-					a			

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	ES1AW	ES1BW	ES1CW	ES1DW	ES1FW	ES1GW	ES1HW	ES1JW
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH	QHRXV	9	,)0 \$								
0D[LPXP UHYHUVH UHFRYHU\ WLPH	UHFRYHU\ WLPH	\$ ⁵ W\$ ^V									

0D[LPXP '& UHYHUVH FXUUHQW DW

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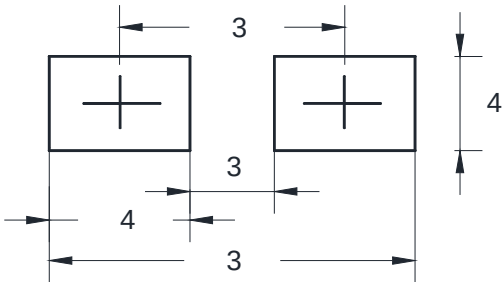
Ordering Information ([DP SOH

PREFERED P/N	
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■Suggested Pad Layout



DO-214AC(SMA)	
' L P	0 L O O L P H W H U V
3	
3	
3	
4	
4	



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Disclaimer

7KH LQIRUPDWLRQ SURFHDQHG LV IRU LQIRUPDWLRQ (OHFWURQLF 7HHKRO
ULJKW WR PDNH FKDLQHVRZLWKRXVSRVLWLRQV GLWSOD\HG KHUHLQ WRGLHSLURQ
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLDFWURFEHTXVLSHQLWKRURGLYLDFHVVHQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKKHPDOXQYHWRQURHHZLWELQVDOXQFKU
PHGLFDO LQVWUXPHQWV WLSRQHVRUWHUVRVQXHHODFKLQDFWHUOFRQQWURSRHVV
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOELWROU OLVEXLWQIRUHQSRQREJHVHUV
RI VDOH

7KLV SXEOLFDWLRQ SXSHHUVHQVLRQURPDVLSRQLSGHYRURXGGLWLRQDO LQWRUPDWLR
KWV [VZZ](#) [\DQJMLH](#) RFRFRQVXOW \RXU QHDUHVW <DQJMLH\QVDOHV RILFH IRU IXUW