HS2MAQ

Surface Mount High Efficient Rectifier

Features

- ” /RZ SURILOH SDFNDJH
- ” ,GHDO IRU DXWRPDWHG SODFHPHQW
- ” *ODVV SDVVLYDWHG FKLS MXQFWLRQ
- ” +LJK IRUZDUG VXUJH FDSDELOLW\
- ” 6XSHU)DVW UHYHUVH UHFRYHU\ WLPH
- ” 0HHWV 06/ OHYHO SHU - 67' /) PD[LPXP SHDN RI ƒ&
- ” 3DUW QR ZLWK VXIIL[$(&4 TXDOLILHG

Typical Applications

)RU XVH LQ KLJK IUHTXHQF\ LQYHUWHUV, VZLWFKLQJ SRZHU VXSSOLHV LQYHUWHUV FRQYHUWHUV DQG FRQVXPHU DXWRPRWLYH DQG WHOHFRPPXQ

Mechanical Data

- ” **Package** '2 $& 0$ 0ROGLQJ FRPSRXQG 8/ 9 IODPPDELOLW\ UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH
- ” **Terminals** 7LQ SODWHG OHDGV VROGHUDEOH SHU - 67' DQG -(6' %
- ” **Polarity:** &DWKRGH OLQH GHQRWHV FDWKRGH HQG

Maximum Ratings 7D - 8QOHVV RWKHUZLVH VSHFLILHG

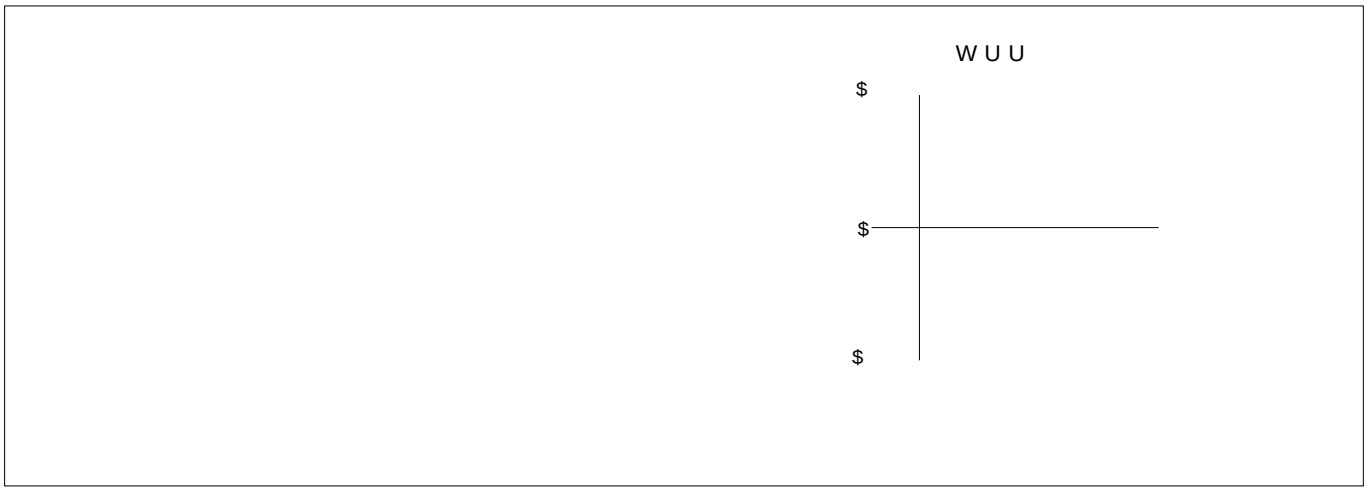
PARAMETER	SYMBOL	UNIT	HS2MAQ
'HYLFH PDUNLQJ FRGH			+
0D[LPXP 5HSHWLWLYH SHDN UHYHUVH YROWDJH	V_{RRM}	9	
# +] +DOI VLQH ZDYH F\FOH 7D '	I_{FSM}	$	
6WRUDJH WHPSHUDWXUH	T_{stg}		a

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	HS2MAQ
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GURS SHU GLRGH	9)	9	,) $	
0D[LPXP UHYHUVH UHFRYHU\ WLPH	T_{rr}		,) $,5 $,UU $	V
0D[LPXP '& UHYHUVH FXUUHQW DW UDWHG '& EORFNLQJ YROWDJH SHU GLRGH # 9 5 0 9 5 5 0	,5	$	7D	
			7D	
7\SLFDO MXQFWLRQ FDSDFLWDQFH	&-	S)	9 9 I& 0+]	

Thermal Characteristics

PARAMETER

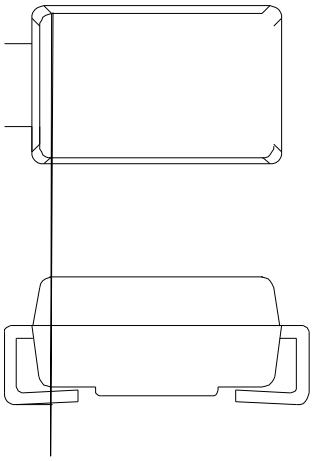
Fig.5: Diagram of circuit and Testing wave form of reverse recovery time



Ordering Information ([D P S O H

PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
+ 6 0 $ 4	)	$ S S U R [L P D W H				´ U H H O

vOutline Dimensions



DO-214AC(SMA)		
'LP	0LQ	0D[
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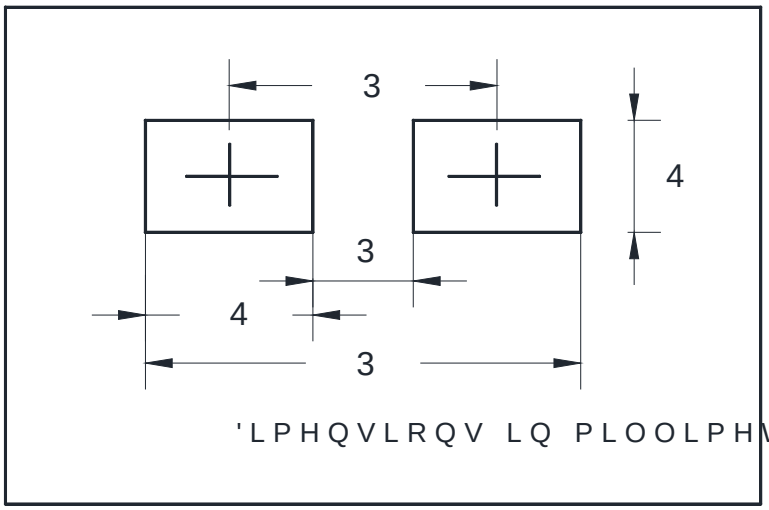
■Suggested Pad Layout



DO-214AC(SMA)	
'LP	0LOOLPHWHUV
3	
3	
3	
4	
4	