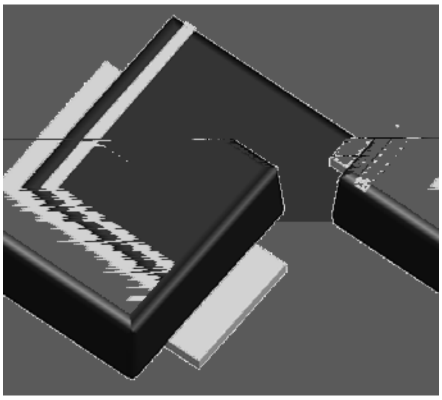
HS2ABF THRU HS2MBF

Surface Mount High Efficient Rectifier

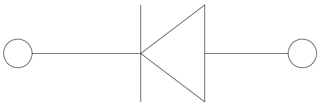


Features

- ” /RZ SURILOH SDFNDJH
- ” ,GHDO IRU DXWRPDWHG SODFHPHQW
- ” *ODVV SDVVLYDWHG FKLS MXQFWLRQ
- ” +LJK IRUZDUG VXUJH FDSDELOLW\
- ” 6XSHU IDVW UHYHUVH UHFRYHU\ WLPH
- ” 0HHWV 06/ OHYHO SHU - 67' /) PD[LPXP
  RI ƒ&

Typical Applications

)RU XVH LQ KLJKFIWULHITLXFHDQWFL\RUQHRI SRZHU VXSSOLHV LQYHUWHUV FRQYHUWHUV DQG
FRQVXPHU DQG WHOHFRPPXQLFDWLRQ



Mechanical Data

- ” **Package** 60%)
  0ROGLQJ FRPSR8X/QG 9PHHIWDVPPDELOLW\
  UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH
- ” **Terminals** 7LQ SODWHG OHDGV VROGHUDEOH
  - 67' DQG -(6' %
- ” **Polarity:** &DWKRGH OLQWHKGHFQRWKHRVGH HQG

VMaximum Ratings 7D 8QOHVV RWKHUZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	HS2ABF	HS2BBF	HS2DBF	HS2FBF	HS2GBF	HS2JBF	HS2KBF	HS2MBF
'HYLFH PDUNLQJ FRGH			+6 $%)	+6 %%)	+6 '%)	+6)%)	+6 *%)	+6 -%)	+6 .%)	+6
0D[LPXP 5HSHWLWLYH 3HDN 5HYHUVH 9ROWDJH	9_{550}	9								
0D[LPXP 506 9ROWDJH	9_{506}	9								
0D[LPXP '& EORFNLQJ 9ROWDJH	$9_{'\&}$	9								

$YHUDJH UHFWLILHG RXWSXW FXUUHQW
+] VLQH ZDYH RQ UHVLVWLYH ORDG 7/)LJ H%8%8`%8``ó 0ñŽÿ0ö %8 V …q€ 5Wp `• @ 1€ p †G0 p CYH •ˆ0 0 € ãŽ
# PV VTXDUH ZDYH F\FOH 7M

&XUUHQW VTXDUHG WLPH # PV”W” PV 7M 5DWLQJ RI SHU GLRGH	,W	$ V	
7\SLFDO MXQFWLRQ FDSDFLWDQFH #0HDVXUHG DW 0+] DQG $SSOLHG 5HYHUVH 9ROWDJH RI 9 '&	&M	S)	
6WRUDJH WHPSHUDWXUH	7VWJ	-	a
-XQFWLRQ WHPSHUDWXUH	7M	-	a

HS2ABF THRU HS2MBF

VElectrical Characteristics Ä 7D - 8QOHVV RWKHUZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	HS2ABF	HS2BBF	HS2DBF	HS2FBF	HS2GBF	HS2JBF	HS2KBF	HS2MBF
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GURS SHU GLRGH	9)	9	)0 $								
0D[LPXP UHYHUVH UHFRYHU\ WLPH	WUU		) $ 5 $ UU $								
0D[LPXP '& UHYHUVH FXUUHQW DW UDWHG '& EORFNLQJ YROWDJH SHU GLRGH	5	$	7M -								
			7M -								

VThermal Characteristics Ä 7D - 8QOHVV RWKHUZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	HS2ABF	HS2BBF	HS2DBF	HS2FBF	HS2GBF	HS2JBF	HS2KBF	HS2MBF
	5 - $									

[redacted]

60%)

'LPHQVLRQV LQ PLOOLPHWHUV

Disclaimer

7KH LQIRUPDWLRQ LSVUHGVRFHQWHGQWLQVWIRU <DQJ]KRX <DQJMLH (OHFWURQLF 7HFKQRO
ULJKW WR PDNH FKDQJHV ZLWKRXW QRWLFH WR DQ\ SURGXFW VSHFLILFDWLRQ RU GRFXPHQWDWLRQ
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVLJQHG WR EH XVHG ZLWK RUGLQDU\ HOHFWURQLF HTXLSPHQW DQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLUH KLJK OHYHO RI UHOLDELOLW\ DQG ZKHUH IDLOXUH FRXOG
PHGLFDO LQVWUXPHQWV WUDQVSRUWDWLRQ HTXLSPHQW DHURVSDFH PDFKLQHU\ QXFOHDU SRZHU FRQWURO
GHYLFHV <DQJMLH RU DQ\RQH RQ LWV EHKDOI DVVXPHV QR UHVSRQVLELOLW\ RU OLDELOLW\ IRU
RI VDOH

7KLV SXEOLFDWLRQ VXSHUVHGHV UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG IRU PRUH LQIRUPDWLR
KWWS ZZZ \DQJMLH FRP RU FRQVXOW \RXU QHDUHVW <DQJMLH VDOHV RIILFH IRU IXUWKHU DVVLVWDQFH