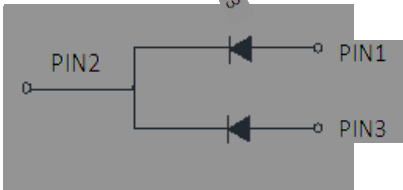
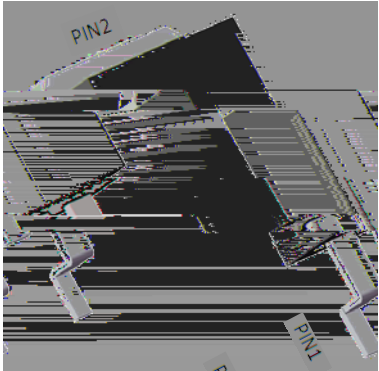




Schottky Diodes



Features

- +LJK IUHTXHQF\ RSHUDWLRQ
- +LJK SXULW\ KLJK WHPSHUDWXUH HSR[\ HQ
- HQKDQFHG PHFKDQDQDOPRWWXUWKUHLVWD
- *XDUG ULQJ IRU HQHVVFBGUORJHGWHP UH
- 0HHWV 06/ OHYHO SHUPDLXP SHDN RI

Polarity \$V PDUNHG

Maximum Ratings 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	MBRB20100CT	MBRB20150CT	MBRB20200CT
'HYLFH PDUNLQJ FRGH			0% 5% & 7	0% 5% & 7	0% 5% & 7
5HSHWLWLYH 3HDN 5HYHUVH 9RO 9550H		9			
\$YHUDJH 5HFWLILHG 2XWSXW & XUHHQW # + VLQH ZDYH 5 ORDS 7		.2 \$			
6XUJH 1RQ UHSHWLWLYH)RUKDUG & XUHHQW # + VLQH ZDYH DF\FOH 7		.60 \$			
& XUHHQW 6TXDUHG 7LPH # EV" W ,FW 7MS V					
6WRUDJH 7HPSHUDWXUH	7VWJ			a	
-XQFWLRQ 7HPSHUDWXUH	7M				a

Electrical Characteristics 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBRB20100CT	MBRB20150CT	MBRB20200CT
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GURS SHU GLRGH		9	90 \$			
0D[LPXP '& UHYHUVH EXUHHQW DW UDWHG '& EORFNLOJ YROWD\$H SHU GLRGH	550 .550		950 9550 7D 950 9550 7D			

1RWH 3XOVH WHVW X6 SXOVH ZLGK GXW\ F\FOH
1RWH 3XOVH WHVW SXOVH ZLGK P6



MBRB20100CT THRU MBRB20200CT

Thermal Characteristics 7D 8QOHVV RWKHU ÆLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	MBRB20100CT	
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MBRB20100CT THRU MBRB20200CT



MBRB20100CT THRU MBRB20200CT

Disclaimer

7KH LQIRUPDWLRQ V GHVFHQWQW LQ WKULUDHQHJLRQFH KDRQQOZHF(QHFOVRURQLF /VHG UHV
ULJKW WR PDNLHWKRXQJQRWVSHFIRIWRWVSLRQG RFWV GLVSPDURYGHKWHUOLDEWGLWVLJQQF
RU RWKHUZZLVH

7KH SURGXFWQLVGHV/KJHGL WR EHHKWHGZLWQLRUGXQSRHQW RU GHYLFHWKDGQ
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLWKKHEDIOXZFWLZRXDHOQDDEHQWOKDQKQDOVLH
PHGLFDO LQVWUXQMSRUWHQWLRQHUTXLSH H QXFKLHQ U UHDFWRHU FRQWURROOHV DQ
GHYLFHV <DQJMLHVRV DQKQ H DQVXRLOVQRRWHVSRQVLEWHVROVLIQJGIDRPPXMF K LP
RI VDOH

7KLV SXEOLFDWLRQ SXVSHUW DQDVLQURUPDWSLROQLSGHYLRXDGGLWLRQDO LQWRUPDWLR
KWVZ Z \DQJMLHRRRFRQVXOW \RXU QHDUHVW <DQJMLHVRVQVDFHOHV RIILFH IRU IXUW