



Schottky Diodes

Features

- +LJK IUHTXHQF\ RSHUDWLRQ
- +LJK SXULW\ KLJK WHPSHUDWXUH HSR[\ H Q
- HQKDQFHG PHFKDQ\ DOPRWWXUWKUHVLVWD
- *XDUG ULQJ IRU HQDVFBQGUHQJGWHUP UH
- 0HHWV 06/ OHYHO SHUPDLXPX SHDN RI

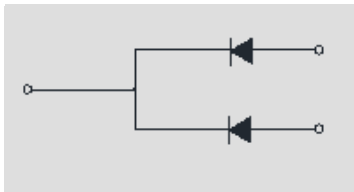
Typical Applications

7\SLFDO DSSOLFDWLRQV DUH LQ VZLWFKLQJ S

IUHHZKHHOLQJ GLRGHV DQG UHYHUVH EDWW

Mechanical Data

- Package 72
- 0ROGLQJ FRPSRXQG PHHWDPPDELOLW\
- UDWLQJ 5R+6 FRPSOLDQW
- Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
- 67' DQG -(6' %
- Polarity \$V PDUNHG



Maximum Ratings 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	MBRB20100CTS	MBRB20150CTS	MBRB20200CTS
'HYLFH PDUNLQJ FRGH			0%5 &76	00PP0@00`76	00PP0@0`76

	)60	\$	
&XUUHQW 6TXDUHG 7LPH # ÈV"W", WPV 7\$V			
6WRUDJH 7HPSHUDWXUH	7VWJ		a
-XQFWLRQ 7HPSHUDWXUH	7M		a

Electrical Characteristics Ä7D 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT
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Maximum DC reverse current at rated DC blocking voltage per diode	I_{RRM1}	mA	$V_{RM} =$ $T_a =$
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8QOHVV RWKHU⁸LVH VSHFLILHG

\DQJMLH R

MBRB20100CTS THRU MBRB20200CTS

vOutline Dimensions

TO-263		

vSuggested Pad Layout





MBRB20100CTS THRU MBRB20200CTS

Disclaimer

7KH LQIRUPDWLRQ V GHVFHQWQW LQ WKULUDHQHJLRQFH KDRQQOZH F(QHFOVRUR QLF /VHG UHV
ULJKW WR PDNLHWKRXQV QHFWLSHFIRIWLQVSLRQG RFWV GLVSPDURYGHKUHUOLQEWGMLV L JQQF
RU RWKHUZZLVH

7KH SURGXFWQLVGHV IJHQH WR EHHKWHGZLRQK RUGXQSRHQW RU GHYLFHWKQGGQ
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLWKHKEDIO IZQVWLZRXDHOQGDHJHQW K DFKQDOLIH
PHGLFDO LQVWUXQMSRUWHQWLRQHUTXLSH H DFKOLHQ U UHDFWKHUO FRQWURROOHV DQ
GHYLFHV <DQJMLHVRV DFKBQH DQVXRLOVQRRWHVSRQVLEWHVROVLIQJGIDRDPJMMFK LP
RI VDOH

7KLV SXEOLFDWLRQ SXVSHUW DGDVLQURUPDWSRQ LSGHYLRXDGGLWLRQDO LQWRUPDWLR
KWW [VZZ](#) [\DQJMLH](#)RRRFRQVXOW \RXU QHDUHVW <DQJMLHVRV DFKBQH RILFH IRU IXUW