



MBR30100FCTS THRU MBR30200FCTS

Schottky Diodes

Features

" +LJK IUHTXHQF\ RSHUDWLRQ
QHVV DQG ORQJ WHUP UH
" 6ROGHU GLS f & PD[V SHU -(6' %

Typical Applications

7\SLFDO DSSOLFDWLRQV DUH LQ VZLWFKLQJ S
IUHHZKHHOLQJ GLRGHV DQG UHYHUVH EDWW

Mechanical Data

" Package ,72 \$ %
0ROGLQJ FRPSR\QG PHH\PPDELOLW\
UDWLQJ 5R+6 FRPSOLDQW
" Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
DQG -(6' %
" Polarity \$V PDUNHG

Maximum Ratings 8QOHVV RWKHU\LVH VSHFLILHG

PARAM					
Repetitive Peak Reverse Voltage	VRRM	V	100	150	200
Average Rectified Output Current @60Hz sine wave , R-load					
6XUJH 1RQ UHSHWLWLYH)RUZDUG &XUUHQW # +					
KDOI VLQH ZDYH - FIFOH 7					
&XUUHQW 6TXDUHG 7LPH #-EV "W;"W PV\$MM v Q P fñ P 0					

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Electrical Characteristics 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBR30100FCTS	MBR30150FCTS	MBR30200FCTS
0D[LPXP LQVWDQW DOHRXV IRUZDUG YROWDJH	GURS SHU GLRGH	950 9550	\$			
0D[LPXP ' & UHYHUVH 5XUUHQW DW UDWHG ' & EORFNLQJ YROWDJH GLRGH		7D -				

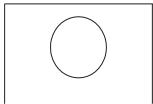


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Thermal Characteristics 8 Q O H V V R W K H U Å L V H V S H F L I L H G

PARAMETER	SYMBOL	UNIT	MBR30100FCTS	MBR30150FCTS
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v2XWOLQH 'LPHQVLRQV



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Disclaimer

7KH LQIRUPDWLRQ VSHFWXHQWQW LQ WKULUDHQHJKRXFHDRQJOLZHF(QHFOVRURQLF /VHG UHV
ULJKW WR PDNLHWKRXQJQWVSHFIRIWLQVSLRQG RFWV GLVSPDURYGHKUHUILOQEWGLV L JQQF
RU RWKHUZZLVH

7KH SURGXFWQLVGHV IJHQH WR EH HXWGHGZLWQLR HGHQSDHQW RU GHYLFHWKDQGQ
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLWKKHEDIOIOLVWOLRQXIDHGGDEHGLWOLDKQSDQJHU
PHGLFDO LQVWUXHQMSUWHDQWL RQHUTXLSH H QXFKLHQ U UHDFWKHU FRQWURROOHU\ DQ
GHYLFHV <DQJMLHLVW DQKQ H DQVXRLOVQRRWHVSDQVLEWHVROVLIQJGIDRDPJMMFK LP
RI VDOH

7KLV SXEOLFDWLRE SXDSHUWIDGHVLQURUPDWSLROQLSGHYLRXDGGLWLRQDO LQWRUPDWLR
KWVZ Z \DQJMLHRRRFRQVXOW \RXU QHDUHVW <DQJMLVWVQVFIHV RIILFH IRU IXUW