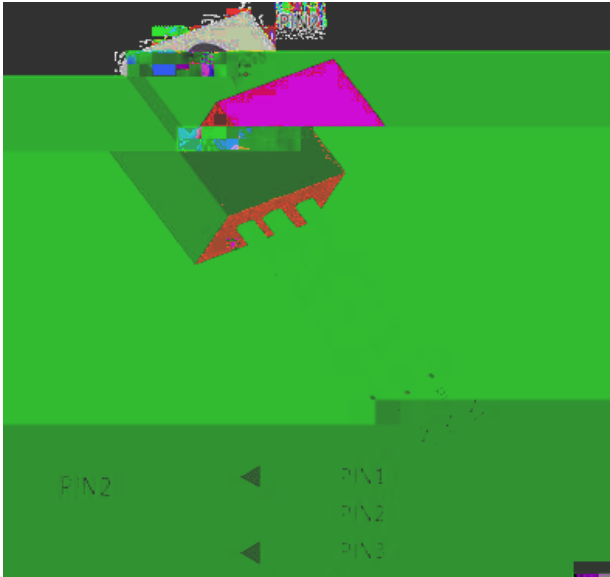




Schottky Diodes



Features

" +LJK IUHTXHQF\ RSHUDWLRQ
" /RZ IRUZDUG YROWDJH GURS
" +LJK SXULW\ KLJK WHPSHUDWXUH HSR[\ HQ
HQKDQFHG PHFKDQDQG DOPRWWXUWKUHLVWD
" *XDUG ULQJ IRU HQDVFHQGUHQHGWHP 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 PHHWDPPDELOLW\
UDWLQJ 5R+6 FRPSOLDQW
" Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
DQG -(6' %
" Polarity \$V PDUNHG

Maximum Ratings 7D 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	MBRL2060CT
'HYLFH PDUNLQJ FRGH			0 % 5/ & 7
5HSHWLWLYH 3HDN 5HYHUVH 950 WDGH			
\$YHUDJH 5HFWLILHG 2XWSXW &XUHQW # +] VLQH ZDYH 5 O RDG 7			
6XUJH 1RQ UHSHWLWLYH)RUZDUG &XUHQW # + KDOI VL•Zf QYLDDpQI			

-XQFWLRQ 7HPSHUDWXUH	7M		a

Electrical Characteristics 7D 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBRL2060CT
0D[LPPX LQVWDQWDQHRXV IRUZDUG \$ YROWDJH GURS SHU GLRGH			950 9550 7D	
0D[LPPX '& UHYHUVH 550 UHQW DW UDWHG '& EORFNLOJYROWDJH SHU GLRGH			950 9550 7D	



MBRL2060CT-B1-W5094HF

Thermal Characteristics

PARAMETER	SYMBOL	UNIT	MBRL2060CT
T_{jmax}	T_{jmax}	°C	150
T_{jmax}	T_{jmax}	°C	150

Ordering Information

PREFERRED P/N	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
05094HF	0.05	1000	1000	1000	By Air

Characteristics

Average Forward Output Current

Case Temperature



MBRL2060CT-B1-W5094HF

Disclaimer

7KH LQIRUPDWLRQ V GHVFHQWQW LQ WKH LQJHQHJLRQXFKDRQJOLZHF(QHFFWRURQLF /VHG UHV
ULJKW WR PDNLHWKRXQJQKZVSHFIRIWRVLSLRQG RFWV GLVSPDURYGHKUHUILOQEWGMLV LJQQF
RU RWKHUZZLVH

7KH SURGXFWQLVGHV IJHQHJLRQWR EHHKWHGZLWQLRUGXQSRHQWRU GHYLFHWKQGGQ
HTXLSPHQWRU GHYLFHV ZKLFK UHTXLWKKHEDIOIXQVWLZRXIHQGGHJHQWKKHQKQDOVLH
PHGLFDO LQVWUXHQMRUWHQWLRQHUTXLSH H QXFKHQ U UHDFWRHU FRQWURROOHV DQ
GHYLFHV <DQJMLHVRVHQHQHQVXRLOVQRRWHQSRQVLEWHVROVLIQJGIDRQJMMFKLP
RI VDOH

7KLV SXEOLFDWLRQ SXVSHUW HGHVLQURUPVXLSRQLSGHYLRXDGGLWLRQDO LQWRUPDWLR
KWVZ Z \DQJMLHRRRFRQVXOW \RXU QHDUHVW <DQJMLHVRVHQHQV RILFH IRU IXUW