



Schottky Diodes

Features

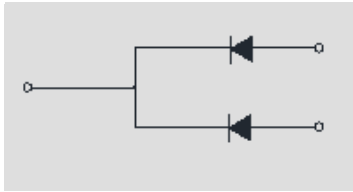
- +LJK IUHTXHQF\ RSHUDWLRQ
- +LJK SXULW\ KLJK WHPSHUDWXUH HSR[\ HQ
HQKDQFHG PHFKDQDQDOPRWWMXUWKUHVLVWD
- *XDUG ULQJ IRU HQDQVFBGUGRQJGWHUP UH
- 0HHWV 06/ OHYHO SHUPDLPXP SHDN RI

Typical Applications

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

Mechanical Data

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



Maximum Ratings

PARAMETER	SYMBOL	UNIT	MBRB20100CTS	MBRB20150CTS	MBRB20200CTS
Maximum DC reverse current at rated DC blocking voltage per diode	I_{RRM1}	mA	0.5	0.76	0.0PP0@00`76

Maximum DC reverse current at rated DC blocking voltage per diode	I_{RRM1}	mA	0.5	0.76	0.0PP0@00`76
Forward current (continuous)	I_{FM}	A	1.0	1.5	2.0
Forward current (peak)	I_{FPM}	A	1.0	1.5	2.0
Reverse recovery time	t_{rr}	ns	10	10	10

Electrical Characteristics

PARAMETER	SYMBOL	UNIT
-----------	--------	------

Maximum DC reverse current at rated DC blocking voltage per diode	I_{RRM1}	mA	0.5
---	------------	----	-----



MBRB20100CTS THRU MBRB20200CTS

nal Characteristics Ä 7D

8QOHVV RWKHUÅLVH VSHFLILHG

UNIT

MBRB20150CTS

MBRB20200CTS

6 %
5HY

\$XJ

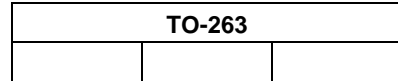
<DQJ]KRX <DQJMEFHOKGWRQL&R

/ZGZ

\DQJMLH P

MBRB20100CTS THRU MBRB20200CTS

vOutline Dimensions



vSuggested Pad Layout





MBRB20100CTS THRU MBRB20200CTS

Disclaimer

7KH LQIRUPDWLRQ V GHVFHQWV LQ WKH UDQGHU RI WKH RQH ZH FKHFN LQ RQH /WHU UHV
ULJKW WR PDNLWKRDXW IRU VSHFIRU RYHUSLRG R FWWV GLVSDUHQGHKUHWHILDEWGLWV L JQQ F
RU RWKHUZLVH

7KH SURGXFWV LV GHV IJHQW WR EH HXWZLWK R UHGXS RHW RU GHYLFHW KDQG Q
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLW KHKE DIO IZLWV R RQ XHGHG DGHW K DFKQ DVLH
PHGLFDO LQVWUXPHVWV R HURXLSH H RFXOLHU U UHDFWRU RFRQWURROH W D Q
GHYLFHV <DQJMLH R V DQ BQH DQ V X R L V V R R W H O S B R L V L E W H V R O V D I Q J G I D R P J M F K L P
RI VDOH

7KLV SXEOLFDFWRQ SVXSSHUW DGHV L Q U R O P D X S L S Q L S G H Y R U X G G L W L R Q D O L Q W R H U P D W L R
K W W [V S Z](#) [\DQJMLH](#) R R R P R Q V X O W \ R X U Q H D U H V W <DQJMLH V M D Q V D H O H V R I I L F H I R U I X U W