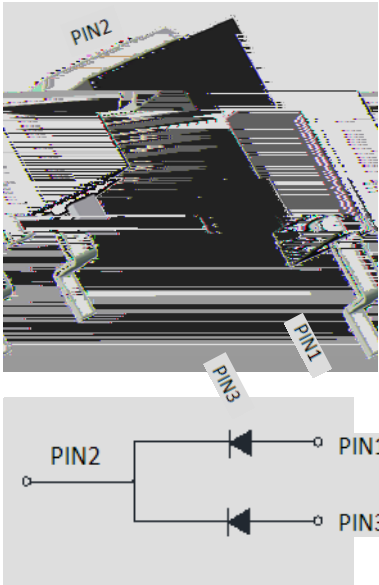




Schottky Diodes



Features

" +LJK IUHTXHQF\ RSHUDWLRQ
" /RZ IRUZDUG YROWDJH GURS
" +LJK SXULW\ KLJK WHPSHUDWXUH HSR[\ HQ
H QKDQFHG PHFKDQ\ DOPRWWXUWKUHLVWD
" *XDUG ULQJ IRU HQHVVHQJHGHWHUP UH
" 0HHWV 06/ OHYHO SHUPDLXPX SHONTYLO
0ROGLQJ FRP
UDWLQJ 5R+6

" **Terminals** 7LQ SODWHG OHDGV VROGHUDEOH S
DQG -(6' %
Polarity \$V PDUNHG

Maximum Ratings 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	MBRBL30100CT
'HYLFH PDUNLQJ FRGH			0 % 5 % / & 7
5HSHWLWLYH 3HDN 5HYHUVH 950 WDJH			
\$YHUDJH 5HFWLILHG 2XWSXW &XUUHQW # +] VLQH ZDYH 5 ORDG 7D			
6XUJH 1RQ UHSHWLWLYH)RUZDUG &XUUHQW # +] KDOI VLQH ZDYH F\FOH 7D			
&XUUHQW 6TXDUHG 7LPH # PV"W PV 7M	, W	\$ V	
6WRUDJH 7HPSHUDWXUH	7VWJ		a
-XQFWLRQ 7HPSHUDWXUH	7M		a

Electrical Characteristics 8QOHVV RWKHU\LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBRBL30100CT
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GURS			90 SHU GLRGH \$	
0D[LPXP '& UHYHUVH FXUUHQW DW UDWHG '& EORFNLQJ YROWDJH SHU GLRGH	.550 .550		950 9550 950 9550 7D	

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



MBRBL30100CT



Outline Dimensions

TO-263		
' L P	0 L Q	0 D
\$		
%		
&		
,		

Suggested Pad Layout



MBRBL30100CT

<DQJ]KRX <DQJMLH (OHFWURQL