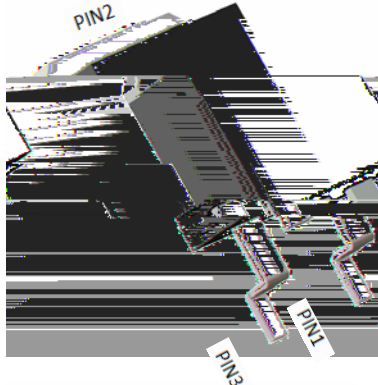




Schottky Diodes

Features

- " +LJK IUHTXHQF\ RSHUDWLRQ
- " /RZ IRUZDUG YROWDJH GURS
- " +LJK SXULW\ KLJK WHPSHUDWXUH HSR[\ HQ
- HQKDQFHG PHFKDQD QDOPRWWMXUWKUHVLVWD
- " *XDUG ULQJ IRU HQDQVFBGUDRQJHGWHP UH
- " 0HHWV 06/ OHYHO S/HUPDLPXP SHONTVLOO
- 0ROGLQJ FRP
- UDWLQJ 5R+6



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

Maximum Ratings

PARAMETER	SYMBOL	UNIT	MBRBL30100CT
'HYLFH PDUNLQJ FRGH			0% 5% / & 7
5HSHWLWLYH 3HDN 5HYHUVH 9550 WDJH			
\$YHUDJH 5HFWLILHG 2XWSXW &XUHQW # +] VLQH ZDYH 5 ORDG 7D			
6XUJH 1RQ UHSHWLWLYH)RUZDUG &XUHQW # +] KDOI VLQH ZDYH F\FOH 67D			
&XUHQW 6TXDUHG 7LPH # PV"W PV 7M	, W	\$ V	
6WRUDJH 7HPSHUDWXUH	7V WJ		a
-XQFWLRQ 7HPSHUDWXUH	7M		a

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBRBL30100CT
0D[LXP LQVWDQW DQHRXV IRUZDUG YROWDJH GURS SHU GLRGH \$				
0D[LXP '& UHYHUVH FXUHQW DW UDWHG '& EORFNLQJ YRQW DJH SHU GLRGH	.550		950 9550 7D	
	.550		950 9550 7D	

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



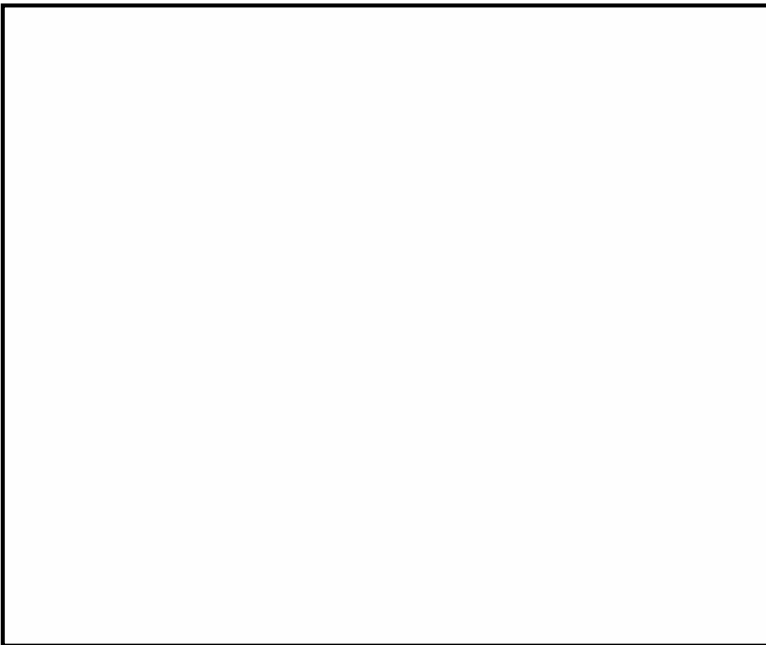
MBRBL30100CT



Outline Dimensions

TO-263		
'LP	0LQ	0D
\$		
%		
&		

Suggested Pad Layout



MBRBL30100CT

<DQJ]KRX <DQJMLH (OHFWURQL