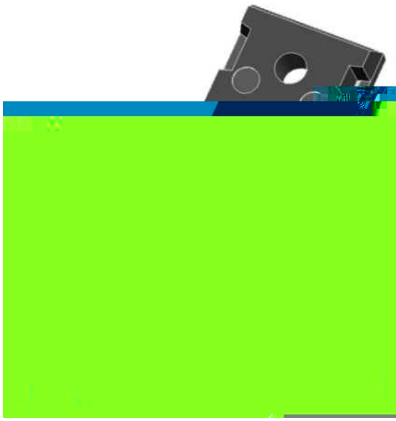




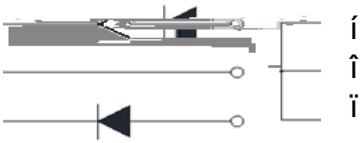
Schottky Diodes



Features

- " +LJK IUHTXHQF\ RSHUDWLRQ
- " /RZ IRUZDUG YROWDJH GURS
- " +LJK SXULW\ KLJK WHPSHUDWXUH HSR[\ HQ
- HQKDQFHG PHFKDQD QDOPR WVMXUWKUHVLVWD
- " *XDUG ULQJ IRU HQDQVFBGUGRQJHGWHPUPUH
- " 6ROGHU GLS f & PD[V SHU -(6' %

Typical A ss



V

Average Rectified Forward Current (Rated VR-20 ? h n Se uare Kave) -) 0% duty cycle ž Tc (FIG 1)	IFAV	A	60
Surge(Non-repetitive)Forward Current 4 60 < n half sine-wave ž 1 cycle ž Ta 1 2)	IFSM	A	60
&XUUHQW 6TXDUHG 7LPH #-PV"W,"W PV \$WM			
7\SH -XQFWLRQ FDSDFLWDQFH# 0+= DQG \$SSOLHG)			
5HYHUVH 9ROWDJH RI 9 ' & &M			
6WRUDJH WHPSHUDWXUH	767*	-	a
-XQFWLRQ WHPSHUDWXUH	7-	-	a

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	Min	Typ	Max
IRUZDUG YROWDJH GURS SHU GLRGH	VRM	V	IF = 0, Tc = 25°C			
FXUUHQW DW UDWHG ' & EORFNLQJ Y550 P \$H SHU GLRGH # 950 9550	IF	A	VRM = 60V, Tc = 25°C			

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

1RWH 3XOVH WHVW SXOVH ZLGK P6



MBR60200PTA

Thermal Characteristics - 8QOHVV RWKHUÄLVH VSHFLILHG

PARAMETER		SYMBOL	UNIT	MBR60200PTA
7KHUPDO 5HVLVWD	%HWZHHQ MXQFWLRQ DPELHQW	DQG5 - \$	- :	
	%HWZHHQ DQG FDVH	MXQFWLRQ 5 - &	- :	



MBR60200PTA

vOutline Dimensions

TO-247AB		
' L P	0 L Q	0 D
\$		
\$		
\$		
E		
E		
&		



MBR60200PTA

Disclaimer

7KH LQIRUPDWLRQ SGRVHQMHG LQ IRWLVKHDIHQJHQRK-BQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQJHVRZLWKR XWSKRLSULFDG\KFRV/ RGLWSOD\HG KHUHLQ WURGLPVLWRY
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVQLHGWGRVQR FEHTXVLSBHZLWKRUR LGHLYLDFHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLW KHKEJDOXHQYHVOGRQLWUHOLMDELQVSDXQFKU DXP
PHGLFDO LQVWUXPHQWVITWLSDFHVSURUWHVWURVSDXFFHDFDEKWLQDFWFRLOFRQVWURGRODHHU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVDEWKDRI ODVEXLPHLWQRURWHDGSRQVREBJHVHUV
RIVDOH

7KLV SXEOLFDWLRQISVXSHHUVHGHVVLQURQJPDVLSRQLSGHYRURXVGLWLRQDO LQWRHUPDWLR
KWWS ZZZ \DQJMLHFRP RUFRQDDEWRRXLFHQHFDW HXUWWDHQRJDLVMDVWDQFH