



常州国润电子有限公司

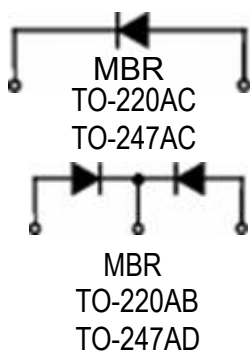
Changzhou Guorun Electronic co., LTD

肖特基势垒二极管 **Schottky Barrier Diodes**

高结温低漏电流肖特基势垒二极管 High T_{jm} Low I_{RRM} Schottky Barrier Diodes

$T_j = -65^\circ\text{C} \sim +175^\circ\text{C}$, $T_{jm} = +175^\circ\text{C}$

型号 TYPE	电气特性 Electrical Characteristics							封装外形 Package Style
	$V_R = V_{RRM}$	I_{FAV}	I_{FSM}	I_R at $V_R = V_{RRM}$		V_{Fmax} at I_{FM}		
				25°C	125°C	V	A	
V	A	A	mA	mA	V	A		
MBR540	40	5.0	175	0.50	10	0.60	5	TO-220AC
MBR560	60	5.0	175	0.50	10	0.70	5	TO-220AC
MBR580	80	5.0	120	0.05	10	0.85	5	TO-220AC
MBR5100	100	5.0	120	0.05	10	0.85	5	TO-220AC
MBR5150	150	5.0	120	0.05	10	0.90	5	TO-220AC
MBR5200	200	5.0	120	0.05	10	0.90	5	TO-220AC
MBR830	30	8.0	150	0.10	10	0.57	8.0	TO-220AC
MBR845	45	8.0	150	0.10	10	0.63	8.0	TO-220AC
MBR860	60	8.0	150	0.10	10	0.73	8.0	TO-220AC
MBR8100	100	8.0	150	0.10	10	0.85	8.0	TO-220AC
MBR8150	150	8.0	150	0.10	10	0.85	8.0	TO-220AC
MBR8200	200	8.0	150	0.10	10	0.90	8.0	TO-220AC
MBR1030	30	10	250	0.10	15	0.57	10	TO-220AC
MBR1045	45	10	250	0.10	15	0.63	10	TO-220AC
MBR1060	60	10	250	0.10	15	0.73	10	TO-220AC
MBR10100	100	10	250	0.10	15	0.85	10	TO-220AC
MBR10150	150	10	225	0.10	15	0.85	10	TO-220AC
MBR10200	200	10	225	0.10	15	0.90	10	TO-220AC
MBR1045CT	45	10	125	0.05	10	0.63	5	TO-220AB
MBR1060CT	60	10	125	0.05	10	0.73	5	TO-220AB
MBR10100CT	100	10	125	0.05	10	0.85	5	TO-220AB
MBR10150CT	150	10	125	0.05	10	0.85	5	TO-220AB



APPLICATIONS

- * Rectifiers in switch mode power supplies (SMPS)
- * Free wheeling diode in low voltage converters

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联系人: 周忠 手机: 18015085836

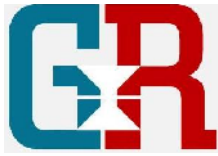
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				25°C	125°C	V	A	
V	A	A	mA	mA	V	A		
MBR10200CT	200	10.0	125	0.10	12	0.90	5	TO-220AB
MBR1630	30	16.0	350	0.10	20	0.55	16	TO-220AC
MBR1635	35	16.0	350	0.10	20	0.55	16	TO-220AC
MBR1640	40	16.0	350	0.10	20	0.60	16	TO-220AC
MBR1645	45	16.0	350	0.10	20	0.63	16	TO-220AC
MBR1650	50	16.0	350	0.10	20	0.73	16	TO-220AC
MBR1660	60	16.0	350	0.10	20	0.73	16	TO-220AC
MBR16100	100	16.0	350	0.10	20	0.85	16	TO-220AC
MBR16150	150	16.0	325	0.10	20	0.85	16	TO-220AC
MBR16200	200	16.0	325	0.10	20	0.90	16	TO-220AC
MBR1645CT	45	8.0	225	0.10	15	0.63	8	TO-220AB
MBR1660CT	60	16.0	225	0.10	15	0.73	8	TO-220AB
MBR16100CT	100	16.0	225	0.10	15	0.85	8	TO-220AB
MBR16150CT	150	16.0	225	0.10	15	0.85	8	TO-220AB
MBR16200CT	200	16.0	225	0.10	15	0.85	8	TO-220AB
MBR2045CT	45	20.0	250	0.10	15	0.63	10	TO-220AB
MBR2060CT	60	20.0	250	0.10	15	0.73	10	TO-220AB
MBR20100CT	100	20.0	250	0.10	15	0.83	10	TO-220AB
MBR20150CT	150	20.0	250	0.10	15	0.83	10	TO-220AB
MBR20200CT	200	20.0	250	0.10	15	0.90	10	TO-220AB



MBR
TO-220AB
TO-247AD

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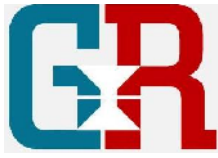
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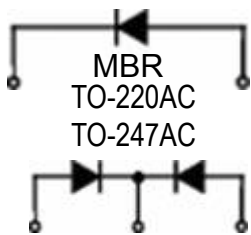
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				25°C	125°C	V	A	
V	A	A	mA	mA	V	A		
MBR2045	45	20.0	450	0.20	20	0.63	20	TO-220AC
MBR2060	60	20.0	450	0.20	20	0.73	20	TO-220AC
MBR20100	100	20.0	450	0.20	20	0.85	20	TO-220AC
MBR20150	150	20.0	450	0.20	20	0.85	20	TO-220AC
MBR20200	200	20.0	425	0.20	20	0.90	20	TO-220AC
MBR3045	45	30.0	560	0.20	30	0.63	30	TO-220AC
MBR3060	60	30.0	560	0.20	30	0.73	30	TO-220AC
MBR30100	100	30.0	560	0.20	30	0.85	30	TO-220AC
MBR30150	150	30.0	550	0.20	30	0.85	30	TO-220AC
MBR30200	200	30.0	525	0.20	30	0.90	30	TO-220AC
MBR3045CT	45	30.0	350	0.10	15	0.63	15	TO-220AB
MBR3060CT	60	30.0	350	0.10	15	0.73	15	TO-220AB
MBR30100CT	100	30.0	350	0.10	15	0.85	15	TO-220AB
MBR30150CT	150	30.0	350	0.10	15	0.85	15	TO-220AB
MBR30200CT	200	30.0	325	0.10	15	0.85	15	TO-220AB
MBR4045PT	45	40.0	480	0.20	20	0.63	20	TO-247AD
MBR4060PT	60	40.0	480	0.20	20	0.73	20	TO-247AD
MBR40100PT	100	40.0	480	0.20	20	0.83	20	TO-220AD
MBR40150PT	150	40.0	460	0.20	20	0.83	20	TO-247AD
MBR40200PT	200	40	450	0.20	20	0.90	20	TO-247AD



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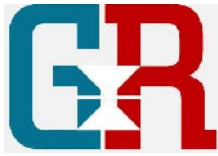
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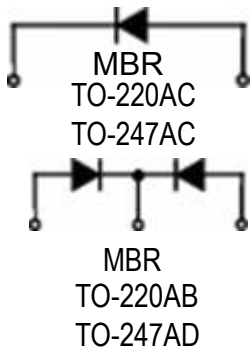
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				25°C	125°C	V	A	
V	A	A	mA	mA	V	A		
MBR4045	45	40.0	880	0.50	45	0.63	40	TO-247AC
MBR4060	60	40.0	880	0.50	45	0.73	40	TO-247AC
MBR40100	100	40.0	880	0.50	45	0.85	40	TO-247AC
MBR40150	150	40.0	850	0.50	45	0.85	40	TO-247AC
MBR40200	200	40.0	850	0.50	45	0.90	40	TO-247AC
MBR6045PT	45	60.0	580	0.20	30	0.63	30	TO-247AD
MBR6060PT	60	60.0	580	0.20	30	0.73	30	TO-247AD
MBR60100PT	100	60.0	580	0.20	30	0.85	30	TO-247AD
MBR60150PT	150	60.0	560	0.20	30	0.85	30	TO-247AD
MBR60200PT	200	60.0	550	0.20	30	0.90	30	TO-247AD
MBR8045PT	45	80.0	870	0.50	45	0.63	40	TO-247AD
MBR8060PT	60	80.0	870	0.50	45	0.73	40	TO-247AD
MBR80100PT	100	80.0	870	0.50	45	0.85	40	TO-247AD
MBR80150PT	150	80.0	870	0.50	45	0.85	40	TO-247AD
MBR80200PT	200	80.0	850	0.50	45	0.90	40	TO-247AD
MBR6045	45	60.0	1050	0.50	45	0.63	60	TO-247AC
MBR6060	60	60.0	1050	0.50	45	0.73	60	TO-247AC
MBR60100	100	60.0	1050	0.50	45	0.83	60	TO-220AC
MBR60150	150	60.0	1000	0.50	45	0.83	60	TO-247AC
MBR60200	200	60.0	1000	0.50	45	0.90	60	TO-247AC



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