

High Tj_m Low IRRM Schottky Barrier Diodes T_j = - 65°C ~ +175°C, T_j_m = +175°C

型号 TYPE	Electrical Characteristics						内部电路 Circuits	封装外形 Package Style	外形图 Outlines
	V _R =V _{RRM}	I _{FAV}	I _{FSM}	at V		V _{Fmax}			
	V	A	A	25°C	125°C	V			
MBR5100	100	5	120	0.10	10	0.85	1	TO -220AC	
MBR5150	150	5	120	0.10	15	0.95	1	TO -220AC	
MBR5200	200	5	120	0.10	15	0.95	1	TO -220AC	
MBR860	60	8	150	0.10	15	0.75	1	TO -220AC	
MBR8100	100	8	125	0.10	15	0.85	1	TO -220AC	
MBR1030	30	10	150	0.10	15	0.60	1	TO -220AC	
MBR1035	35	10	150	0.10	15	0.60	1	TO -220AC	
MBR1040	40	10	150	0.10	15	0.65	1	TO -220AC	
MBR1045	45	10	150	0.10	15	0.65	1	TO -220AC	
MBR1050	50	10	150	0.10	25	0.65	1	TO -220AC	
MBR1060	60	10	150	0.10	25	0.75	1	TO -220AC	
MBR1070	70	10	150	0.10	50	0.75	1	TO -220AC	
MBR1080	80	10	150	0.10	50	0.85	1	TO -220AC	
MBR1090	90	10	150	0.10	50	0.85	1	TO -220AC	
MBR10100	100	10	150	0.20	50	0.85	1	TO -220AC	
MBR10150	150	10	150	0.20	50	0.90	1	TO -220AC	
MBR10200	200	10	150	0.50	50	0.95	1	TO -220AC	
MBR1060CT	60	10	125	0.10	50	0.80	2	TO -220AB	
MBR10100CT	100	10	120	0.10	15	0.85	2	TO -220AB	
MBR10150CT	150	10	120	0.05	15	0.95	2	TO -220AB	
MBR10200CT	200	10	120	0.05	15	0.95	2	TO -220AB	
MBR1640CT	40	16	150	0.20	15	0.65	2	TO -220AB	
MBR1645CT	45	16	150	0.20	15	0.65	2	TO -220AB	
MBR1660CT	60	16	150	1.00	50	0.75	2	TO -220AB	
MBR16100CT	100	16	125	0.10	50	0.85	2	TO -220AB	
MBR2040CT	40	20	150	0.10	15	0.80	2	TO -220AB	
MBR2045CT	45	20	150	0.10	15	0.80	2	TO -220AB	
MBR2060CT	60	20	150	0.10	15	0.85	2	TO -220AB	
MBR20100CT	100	20	150	0.50	100	0.95	2	TO -220AB	
MBR20150CT	150	20	150	1.00	100	0.90	2	TO -220AB	
MBR20200CT	200	20	150	1.00	200	0.95	2	TO -220AB	
MBR20250CT	250	20	135	1.00	200	0.98	2	TO -220AB	
MBR3040CT	40	30	200	0.20	40	0.75	2	TO -220AB	
MBR3045CT	45	30	200	0.20	40	0.75	2	TO -220AB	
MBR3060CT	60	30	200	1.00	40	0.76	2	TO -220AB	
MBR3030PT	30	30	200	1.00	60	0.76	2	TO -247AD	
MBR3040PT	40	30	200	1.00	60	0.76	2	TO -247AD	
MBR3045PT	45	30	200	1.00	60	0.76	2	TO -247AD	
MBR3060PT	60	30	200	1.00	100	0.80	2	TO -247AD	
MBR30100PT	100	30	250	1.00	100	0.85	2	TO -247AD	
MBR30150PT	150	30	245	1.00	100	0.90	2	TO -247AD	
MBR30200PT	200	30	240	1.00	100	0.95	2	TO -247AD	
MBR4040PT	40	40	400	1.00	50	0.65	2	TO -247AD	
MBR4045PT	45	40	400	1.00	50	0.65	2	TO -247AD	
MBR4060PT	60	40	400	1.00	100	0.80	2	TO -247AD	
MBR40100PT	100	40	300	1.00	100	0.85	2	TO -247AD	
MBR40150PT	150	40	300	1.00	100	0.90	2	TO -247AD	
MBR40200PT	200	40	300	1.00	100	0.95	2	TO -247AD	
MBR6030PT	30	60	500	1.00	50	0.65	2	TO -247AD	
MBR6035PT	35	60	500	1.00	50	0.65	2	TO -247AD	

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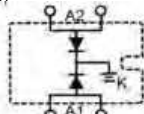
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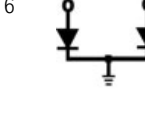
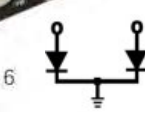
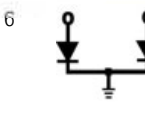
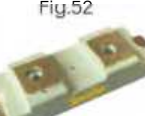
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型号 TYPE	电气特性Electrical Characteristics						内部电路 Circuits	封装外形 Package Style	外形图 Outlines
	$V_R=V_{RRM}$	I_{FAV}	I_{FSM}	I_{RRM} at $V_R=V_{RRM}$		V_{Fmax}			
				25°C	125°C				
				V	A				
MBR6040PT	40	60	500	1.00	50	0.65	2	TO -247AD	TO-247AD 
MBR6045PT	45	60	500	1.00	50	0.65	2	TO -247AD	
MBR6060PT	60	60	500	1.00	50	0.80	2	TO -247AD	
MBR60100PT	100	60	500	1.00	50	0.85	2	TO -247AD	
MBR60150PT	150	60	500	1.00	50	0.90	2	TO -247AD	
MBR60200PT	200	60	500	1.00	50	0.95	2	TO -247AD	
MBR2×40-60	60	2×40	450	1.00	50	0.80	3	SOT-227	Circuit 2 
MBR2×40-100	100	2×40	450	1.00	50	0.85	3	SOT-227	
MBR2×40-150	150	2×40	450	1.00	50	0.90	3	SOT-227	
MBR2×40-200	200	2×40	450	1.00	50	0.95	3	SOT-227	
MBR2×60-30	30	2×60	800	4.00	50	0.65	3	SOT-227	
MBR2×60-40	40	2×60	800	4.00	50	0.65	3	SOT-227	
MBR2×60-60	60	2×60	800	4.00	50	0.80	3	SOT-227	SOT-227 
MBR2×60-100	100	2×60	700	4.00	100	0.85	3	SOT-227	
MBR2×60-150	150	2×60	700	4.00	100	0.90	3	SOT-227	
MBR2×60-200	200	2×60	700	4.00	100	0.95	3	SOT-227	
MBR2×80-30	30	2×80	900	4.00	200	0.66	3	SOT-227	
MBR2×80-40	40	2×80	900	4.00	200	0.66	3	SOT-227	
MBR2×80-45	45	2×80	900	4.00	200	0.66	3	SOT-227	Circuit3 
MBR2×80-60	60	2×80	900	4.00	200	0.80	3	SOT-227	
MBR2×80-100	100	2×80	900	4.00	200	0.85	3	SOT-227	
MBR2×80-150	150	2×80	900	4.00	200	0.90	3	SOT-227	
MBR2×80-200	200	2×80	900	4.00	200	0.95	3	SOT-227	
MBR2×100-60	60	2×100	1200	4.00	200	0.80	3	SOT-227	
MBR2×100-100	100	2×100	1200	4.00	200	0.85	3	SOT-227	SOT-227 
MBR2×100-150	150	2×100	1200	4.00	200	0.90	3	SOT-227	
MBR2×100-200	200	2×100	1200	4.00	200	0.95	3	SOT-227	
MBR2×120-30	30	2×120	1800	4.00	200	0.62	3	SOT-227	
MBR2×120-40	40	2×120	1800	4.00	200	0.65	3	SOT-227	
MBR2×120-45	45	2×120	1800	4.00	200	0.65	3	SOT-227	
MBR2×120-60	60	2×120	1800	4.00	200	0.80	3	SOT-227	Circuit 4 
MBR2×120-100	100	2×120	1800	4.00	200	0.85	3	SOT-227	
MBR2×120-150	150	2×120	1800	4.00	200	0.90	3	SOT-227	
MBR2×120-200	200	2×120	1800	4.00	200	0.95	3	SOT-227	
MBR2×160-60NB	60	2×160	1600	4.00	200	0.80	4	SOT-227	
MBR2×160-100NB	100	2×160	1400	4.00	200	0.85	4	SOT-227	
MBR2×160-150NB	150	2×160	1350	4.00	200	0.90	4	SOT-227	Fig.42 
MBR2×160-200NB	200	2×150	1300	4.00	200	0.95	4	SOT-227	
MBR150-45NB	45	150	1400	2.00	20	0.65	5	Fig.42	
MBR150-60NB	60	150	1400	2.00	20	0.80	5	Fig.42	
MBR150-100NB	100	150	1400	2.00	20	0.85	5	Fig.42	
MBR150-150NB	150	150	1400	2.00	20	0.90	5	Fig.42	
MBR150-200NB	200	150	1400	2.00	20	0.95	5	Fig.42	Circuit 5 
MBR250-45NB	45	250	2100	4.00	40	0.65	5	Fig.42	
MBR250-60NB	60	250	2100	4.00	40	0.75	5	Fig.42	
MBR250-100NB	100	250	2100	4.00	40	0.85	5	Fig.42	
MBR250-150NB	150	250	2100	4.00	40	0.85	5	Fig.42	
MBR250-200NB	200	250	2100	4.00	40	0.85	5	Fig.42	
MBR300-45NB	45	300	3000	8.00	80	0.65	5	Fig.42	
MBR300-60NB	60	300	3000	8.00	80	0.75	5	Fig.42	
MBR300-100NB	100	300	3000	8.00	80	0.85	5	Fig.42	
MBR300-150NB	150	300	3000	8.00	80	0.85	5	Fig.42	

型号 TYPE	电气特性Electrical Characteristics						内部电路 Circuits	封装外形 Package Style	外形图 Outlines
	$V_R=V_{RRM}$	I_{FAV}	I_{FSM}	I_{RRM} at $V_R=V_{RRM}$		V_{Fmax}			
				25°C	125°C				
	V	A	A	mA	mA	V			
MBR300-200NB	200	300	3000	8.00	80	0.85	5	Fig.42	
MBR400-45NB	45	400	4500	10.00	120	0.65	5	Fig.42	
MBR400-60NB	60	400	4500	10.00	120	0.75	5	Fig.42	
MBR400-100NB	100	400	4500	10.00	120	0.85	5	Fig.42	
MBR400-200NB	200	400	4500	10.00	120	0.95	5	Fig.42	
SRBD20045CT	45	200	1200	2.00	20	0.65	6	Fig.45	
SRBD20060CT	60	200	1200	2.00	20	0.75	6	Fig.45	
SRBD200100CT	100	200	1200	2.00	20	0.85	6	Fig.45	
SRBD200150CT	150	200	1200	2.00	20	0.90	6	Fig.45	
SRBD200200CT	200	200	1200	2.00	20	0.95	6	Fig.45	
SRBD20045CTD2	45	200	1200	2.00	20	0.65	6	Fig.44.	
SRBD20060CTD2	60	200	1200	2.00	20	0.75	6	Fig.44.	
SRBD200100CTD2	100	200	1200	2.00	20	0.85	6	Fig.44.	
SRBD200150CTD2	150	200	1200	2.00	20	0.90	6	Fig.44.	
SRBD200200CTD2	200	200	1200	2.00	20	0.95	6	Fig.44.	
SRBD30045CT	45	300	1800	4.00	40	0.65	6	Fig.45	
SRBD30060CT	60	300	1800	4.00	40	0.75	6	Fig.45	
SRBD300100CT	100	300	1800	4.00	40	0.85	6	Fig.45	
SRBD300150CT	150	300	1800	4.00	40	0.90	6	Fig.45	
SRBD300200CT	200	300	1800	4.00	40	0.95	6	Fig.45	
SRBD30045CTD3	45	300	1800	4.00	40	0.65	6	Fig.52	
SRBD30060CTD3	60	300	1800	4.00	40	0.75	6	Fig.52	
SRBD300100CTD3	100	300	1800	4.00	40	0.85	6	Fig.52	
SRBD300150CTD3	150	300	1800	4.00	40	0.90	6	Fig.52	
SRBD300200CTD3	200	300	1800	4.00	40	0.95	6	Fig.52	
SRBD40045CT	45	400	2500	8.00	80	0.65	6	Fig.45	
SRBD40060CT	60	400	2500	8.00	80	0.75	6	Fig.45	
SRBD400100CT	100	400	2500	8.00	80	0.85	6	Fig.45	
SRBD400150CT	150	400	2500	8.00	80	0.90	6	Fig.45	
SRBD400200CT	200	400	2500	8.00	80	0.95	6	Fig.45	
SRBD40045CTD3	45	400	2500	8.00	80	0.65	6	Fig.52	
SRBD40060CTD3	60	400	2500	8.00	80	0.75	6	Fig.52	
SRBD400100CTD3	100	400	2500	8.00	80	0.85	6	Fig.52	
SRBD400150CTD3	150	400	2500	8.00	80	0.90	6	Fig.52	
SRBD400200CTD3	200	400	2500	8.00	80	0.95	6	Fig.52	

Suffix " NB " means Non-Isolated Package with Copper Baseplate

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