

SMD BRIDGE RECTIFIERS (Schottky Barrier)



TYPE No.	Max. Peak Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		Package Outline Drawing No. Please refer to Page: 131~139
	PRV	I_O	I_{FSM}	I_R	V_{FM}	I_{FM}	
	V	A	A	mAdc	V	A	

1.0 Ampere

ABK12F	20	1.0	40	0.3	0.55	1.0	ABF (No.: 18)	
ABK14F	40				0.70			
ABK16F	60							
ABK18F	80		30	0.2	0.85			
ABK110F	100							
ABK115F	150							
ABK120F	200		0.1	0.90				
ABK12S	20	1.0	40	0.3	0.55	1.0	ABS (No.: 17)	
ABK14S	40				0.70			
ABK16S	60							
ABK18S	80		30	0.2	0.85			
ABK110S	100							
ABK115S	150							
ABK120S	200		0.1	0.90				
BK12F	20	1.0	30	0.5	0.55	1.0	MBFL (No.: 25)	
BK14F	40				0.70			
BK16F	60							
BK18F	80				0.85			
BK110F	100							
MBK12F	20	1.0	40	0.3	0.55	1.0	MBF (No.: 26)	
MBK14F	40				0.70			
MBK16F	60							
MBK18F	80		30	0.2	0.85			
MBK110F	100							
MBK115F	150							
MBK120F	200		0.1	0.90				
MBK12S	20	1.0	40	0.3	0.55	1.0	MBS (No.: 23)	
MBK14S	40				0.70			
MBK16S	60							
MBK18S	80		30	0.2	0.85			
MBK110S	100							
MBK115S	150							
MBK120S	200		0.1	0.90				







2.0 Amperes

ABK22F	20	2.0	40	0.3	0.55	2.0	ABF (No.: 18)	
ABK24F	40				0.70			
ABK26F	60							
ABK28F	80		30	0.2	0.85			
ABK210F	100							
ABK215F	150							
ABK220F	200		0.1	0.90				
ABK22S	20	2.0	40	0.3	0.55	2.0	ABS (No.: 17)	
ABK24S	40				0.70			
ABK26S	60							
ABK28S	80		30	0.2	0.85			
ABK210S	100							
ABK215S	150							
ABK220S	200		0.1	0.90				




BRIDGE

TYPE No.	Max. Peak Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		[Package Outline Drawing No. Please refer to Page: 131~139]
	PRV	I_o	I_{FSM}	I_R	V_{FM}	I_{FM}	
	V	A	A	mAdc	V	A	

2.0 Amperes

BK22F	20	2.0	40	0.5	0.55	2.0	MBFL (No.: 25)					
BK24F	40				0.70							
BK26F	60				0.85							
BK28F	80	2.0	40	0.5	0.55	2.0	MBF (No.: 26)					
BK210F	100				0.70							
MBK22F	20		30		0.5				0.55	2.0	MBF (No.: 26)	
MBK24F	40								0.70			
MBK26F	60								0.85			
MBK28F	80	30	0.2	0.85		2.0	MBS (No.: 23)					
MBK210F	100			0.1					0.95			
MBK215F	150				0.95							
MBK220F	200	0.1		0.95								
MBK22S	20	2.0		40	0.3				0.55	2.0	MBS (No.: 23)	
MBK24S	40		0.70									
MBK26S	60		30	0.2		0.85	2.0	MBS (No.: 23)				
MBK28S	80	0.1			0.95							
MBK210S	100					0.95						
MBK215S	150	0.1			0.95							
MBK220S	200	0.1			0.95							

3.0 Amperes

ABK32F	20	3.0	40	0.3	0.55	3.0	ABF (No.: 18)		
ABK34F	40				0.70				
ABK36F	60				0.85				
ABK38F	80	3.0	30	0.2	0.85	3.0	ABS (No.: 17)		
ABK310F	100				0.1				0.90
ABK315F	150		0.1						
ABK320F	200				0.90				
MBK32F	20				3.0				40
MBK34F	40	0.70							
MBK36F	60	30	0.2	0.85		3.0	MBF (No.: 26)		
MBK38F	80			0.1	0.95				
MBK310F	100								0.1
MBK315F	150			0.1	0.95				
MBK320F	200								0.95
MBK32S	20	3.0	40			0.3	0.55	3.0	MBS (No.: 23)
MBK34S	40			0.70					
MBK36S	60		30	0.2	0.85		3.0		
MBK38S	80	0.1			0.95				
MBK310S	100					0.1		0.95	
MBK315S	150	0.1			0.95				
MBK320S	200					0.1		0.95	

SMD BRIDGE RECTIFIERS (Super Fast & High Efficiency)



TYPE No.	Max. Peak Reverse Voltage	Max. Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		Package Outline Drawing No. Please refer to Page: 131~139
	PRV	*Trr	I _O	I _{FSM}	I _R	V _{FM}	I _{FM}	
	V	nS	A	A	µA _{dc}	V	A	

NOTE: * Trr Test Conditions: I_F = 0.5A, I_R = 1.0A, Recover to 0.25A.

1.0 Ampere

AFB1AF	50	35	1.0	30	5.0	1.0	1.0	ABF (No.: 18)	
AFB1BF	100					1.3			
AFB1DF	200					1.7			
AFB1GF	400								
AFB1JF	600								
AFB1AS	50	35	1.0	30	5.0	1.0	1.0	ABS (No.: 17)	
AFB1BS	100					1.3			
AFB1DS	200					1.7			
AFB1GS	400								
AFB1JS	600								
MFB1AF	50	35	1.0	30	5.0	1.0	1.0	MBF (No.: 26)	
MFB1BF	100					1.3			
MFB1DF	200					1.7			
MFB1GF	400								
MFB1JF	600								
MFB1AS	50	35	1.0	30	5.0	1.0	1.0	MBS (No.: 23)	
MFB1BS	100					1.3			
MFB1DS	200					1.7			
MFB1GS	400								
MFB1JS	600								



1.0 Ampere

UMB05F	50	50	1.0	30	5.0	1.0	1.0	MBF (No.: 26)	
UMB1F	100					1.4			
UMB2F	200					1.7			
UMB4F	400								
UMB6F	600								
UMB8F	800	75	1.0	30	5.0	1.0	1.0	MBS (No.: 23)	
UMB10F	1000					1.4			
UMB05S	50					1.7			
UMB1S	100								
UMB2S	200								
UMB4S	400	75	1.0	30	5.0	1.0	1.0	ABF (No.: 18)	
UMB6S	600					1.4			
UMB8S	800					1.7			
UMB10S	1000								
UTB05F	50					50			
UTB1F	100	1.4							
UTB2F	200	1.7							
UTB4F	400								
UTB6F	600								
UTB8F	800	75	1.0	30	5.0	1.0	1.0	ABF (No.: 18)	
UTB10F	1000					1.4			
UTB05S	50					1.7			
UTB1S	100								
UTB2S	200								
UTB4S	400	75	1.0	30	5.0	1.0	1.0	ABS (No.: 17)	
UTB6S	600					1.4			
UTB8S	800					1.7			
UTB10S	1000								





TYPE No.	Max. Peak Reverse Voltage	Max. Reverse Recovery Time	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Package Outline Drawing No. Please refer to Page: 131~139 </div>
	PRV	*Trr	I _O	I _{FSM}	I _R	V _{FM}	I _{FM}	
	V	nS	A	A	μA _{dc}	V	A	

NOTE: * Trr Test Conditions: I_F = 0.5A, I_R = 1.0A, Recover to 0.25A.



0.5 Ampere

RMB2F	200	150	0.5	25	5.0	1.3	0.5	MBFL (No.: 25)	
RMB4F	400								
RMB6F	600								
RMB05S	50	150	0.5	25	5.0	1.3	0.5	MBS (No.: 23)	
RMB1S	100								
RMB2S	200								
RMB4S	400								
RMB6S	600								
RMB8S	800	500							
RMB10S	1000								

0.8 Ampere

FMB05F	50	150	0.8	25	5.0	1.3	0.8	MBF (No.: 26)	
FMB1F	100								
FMB2F	200								
FMB4F	400								
FMB6F	600								
FMB8F	800	500							
FMB10F	1000								
FMB05S	50	150	0.8	25	5.0	1.3	0.8	MBS (No.: 23)	
FMB1S	100								
FMB2S	200								
FMB4S	400								
FMB6S	600								
FMB8S	800	500							
FMB10S	1000								
FTB05F	50	150	0.8	25	5.0	1.3	0.8	ABF (No.: 18)	
FTB1F	100								
FTB2F	200								
FTB4F	400								
FTB6F	600								
FTB8F	800	500							
FTB10F	1000								
FTB05S	50	150	0.8	25	5.0	1.3	0.8	ABS (No.: 17)	
FTB1S	100								
FTB2S	200								
FTB4S	400								
FTB6S	600								
FTB8S	800	500							
FTB10S	1000								

1.0 Ampere


RMB12F	200	150	1.0	30	5.0	1.3	1.0	MBFL (No.: 25)	
RMB14F	400								
RMB16F	600								
RMB105S	50	150	1.0	30	5.0	1.3	1.0	MBS (No.: 23)	
RMB11S	100								
RMB12S	200								
RMB14S	400								
RMB16S	600								
RMB18S	800	500							
RMB110S	1000								

SMD BRIDGE RECTIFIERS (General Purpose)





TYPE No.	Max. Peak Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		Package Outline Drawing No. Please refer to Page: 131~139
	PRV	I_O	I_{FSM}	I_R	V_{FM}	I_{FM}	
	V	A	A	μ A	V	A	




0.4 Ampere

B04AF	50	0.4	15	5.0	1.1	0.4	MBFL (No.: 25)	
B04BF	100							
B04DF	200							
B04GF	400							
B04JF	600							
B04KF	800							
B04MF	1000							

0.5 Ampere


B05AF	50	0.5	25	5.0	1.1	0.5	MBFL (No.: 25)	
B05BF	100							
B05DF	200							
B05GF	400							
B05JF	600							
B05KF	800							
B05MF	1000							
B05S	50	0.5	25	5.0	1.1	0.5	DB-1MS (No.: 22)	
B1S	100							
B2S	200							
B4S	400							
B6S	600							
B8S	800							
B10S	1000							

0.8 Ampere




AB05F	50	0.8	25	5.0	1.1	0.8	ABF (No.: 18)	
AB1F	100							
AB2F	200							
AB4F	400							
AB6F	600							
AB8F	800							
AB10F	1000							
AB05S	50	0.8	25	5.0	1.1	0.8	ABS (No.: 17)	
AB1S	100							
AB2S	200							
AB4S	400							
AB6S	600							
AB8S	800							
AB10S	1000							
MB05F	50	0.8	25	5.0	1.1	0.8	MBF (No.: 26)	
MB1F	100							
MB2F	200							
MB4F	400							
MB6F	600							
MB8F	800							
MB10F	1000							

TYPE No.	Max. Peak Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Package Outline Drawing No. Please refer to Page: 131~139 </div>
	PRV	I_o	I_{FSM}	I_R	V_{FM}	I_{FM}	
	V	A	A	μ A	V	A	


0.8 Ampere

MB05S	50	0.8	25	5.0	1.1	0.8	MBS (No.: 23)	
MB1S	100							
MB2S	200							
MB4S	400							
MB6S	600							
MB8S	800							
MB10S	1000							


1.0 Ampere

B1AF	50	1.0	30	5.0	1.1	1.0	MBFL (No.: 25)	
B1BF	100							
B1DF	200							
B1GF	400							
B1JF	600							
B1KF	800							
B1MF	1000							
DB101S	50	1.0	30	10	1.1	1.0	DB-1S (No.: 20)	
DB102S	100							
DB103S	200							
DB104S	400							
DB105S	600							
DB106S	800							
DB107S	1000							
TB05S	50	1.0	30	10	1.1	1.0	ABS (No.: 17)	
TB1S	100							
TB2S	200							
TB4S	400							
TB6S	600							
TB8S	800							
TB10S	1000							

1.5 Amperes

DB151S	50	1.5	50	10	1.1	1.5	DB-1S (No.: 20)	
DB152S	100							
DB153S	200							
DB154S	400							
DB155S	600							
DB156S	800							
DB157S	1000							

2.0 Amperes

DB201S	50	2.0	60	10	1.1	2.0	DB-1S (No.: 20)	
DB202S	100							
DB203S	200							
DB204S	400							
DB205S	600							
DB206S	800							
DB207S	1000							