




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; display: inline-block;"> 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	


0.3 Ampere

S03AFL	50	0.3	10	5.0	1.1	0.3	SOD-123FL (No.: 16)	
S03BFL	100							
S03DFL	200							
S03GFL	400							
S03JFL	600							
S03KFL	800							
S03MFL	1000							




0.5 Ampere

GL34A	50	0.5	30	5.0	1.3	0.5	SM-2 (DO-213AA) (No.: 41)	
GL34B	100							
GL34D	200							
GL34G	400							
GL34J	600							
GL34K	800							
GL34M	1000							
S05AFL	50	0.5	15	5.0	1.1	0.5	SOD-123FL (No.: 16)	
S05BFL	100							
S05DFL	200							
S05GFL	400							
S05JFL	600							
S05KFL	800							
S05MFL	1000							

0.7 Ampere

S07AFL	50	0.7	25	5.0	1.1	0.7	SOD-123FL (No.: 16)	
S07BFL	100							
S07DFL	200							
S07GFL	400							
S07JFL	600							
S07KFL	800							
S07MFL	1000							

1.0 Ampere

GS1A	50	1.0	30	5.0	1.1	1.0	SMA (DO-214AC) (No.: 28)	
GS1B	100							
GS1D	200							
GS1G	400							
GS1J	600							
GS1K	800							
GS1M	1000							
M1	50	1.0	30	5.0	1.1	1.0	SMA-L (No.: 31)	
M2	100							
M3	200							
M4	400							
M5	600							
M6	800							
M7	1000							
S1A	50	1.0	30	5.0	1.1	1.0	SMB (DO-214AA) (No.: 29)	
S1B	100							
S1D	200							
S1G	400							
S1J	600							
S1K	800							
S1M	1000							

GENERAL PURPOSE

GENERAL PURPOSE RECTIFIERS (SMD Type)



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;"> 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	μA _{dc}	V	A	

1.0 Ampere

S1AF S1BF S1DF S1GF S1JF S1KF S1MF	50 100 200 400 600 800 1000	1.0	30	5.0	1.1	1.0	SMAFL (No.: 32)	
S1ABF S1BBF S1DBF S1GBF S1JBF S1KBF S1MBF	50 100 200 400 600 800 1000	1.0	30	5.0	1.1	1.0	SMBFL (No.: 33)	
S1AFL S1BFL S1DFL S1GFL S1JFL S1KFL S1MFL	50 100 200 400 600 800 1000	1.0	30	5.0	1.1	1.0	SOD-123FL (No.: 16)	
SM4001(S)* SM4002(S)* SM4003(S)* SM4004(S)* SM4005(S)* SM4006(S)* SM4007(S)*	50 100 200 400 600 800 1000	1.0	30	5.0	1.1	1.0	SM-1 (DO-213AB) (No.: 40)	

NOTE: * Suffix "S" Stands for "SM-2 (DO-213AA) Package"

1.5 Amperes

SM5391 SM5392 SM5393 SM5395 SM5397 SM5398 SM5399	50 100 200 400 600 800 1000	1.5	30	5.0	1.1	1.5	SM-1 (DO-213AB) (No.: 40)	
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2.0 Amperes

S2A S2B S2D S2G S2J S2K S2M	50 100 200 400 600 800 1000	2.0	60	5.0	1.1	2.0	SMB (DO-214AA) (No.: 29)	
S2AF S2BF S2DF S2GF S2JF S2KF S2MF	50 100 200 400 600 800 1000	2.0	60	5.0	1.1	2.0	SMAFL (No.: 32)	





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	μA_{dc}	V	A	

2.0 Amperes

S2ABF	50	2.0	60	5.0	1.1	2.0	SMBFL (No.: 33)	
S2BBF	100							
S2DBF	200							
S2GBF	400							
S2JBF	600							
S2KBF	800							
S2MBF	1000							
S2AFL	50	2.0	50	5.0	1.1	2.0	SOD-123FL (No.: 16)	
S2BFL	100							
S2DFL	200							
S2GFL	400							
S2JFL	600							
S2KFL	800							
S2MFL	1000							

3.0 Amperes

S3A	50	3.0	100	5.0	1.1	3.0	SMC (DO-214AB) (No.: 30)	
S3B	100							
S3D	200							
S3G	400							
S3J	600							
S3K	800							
S3M	1000							
S3AF	50	3.0	100	5.0	1.1	3.0	SMAFL (No.: 32)	
S3BF	100							
S3DF	200							
S3GF	400							
S3JF	600							
S3KF	800							
S3MF	1000							
S3ABF	50	3.0	100	5.0	1.1	3.0	SMBFL (No.: 33)	
S3BBF	100							
S3DBF	200							
S3GBF	400							
S3JBF	600							
S3KBF	800							
S3MBF	1000							
SM5400	50	3.0	100	5.0	1.1	3.0	SM-1 (DO-213AB) (No.: 40)	
SM5401	100							
SM5402	200							
SM5404	400							
SM5406	600							
SM5407	800							
SM5408	1000							

GENERAL PURPOSE