


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	mAdc	V	A	


0.05 Ampere

1N60P	40	0.05	0.4	10	0.5	0.001	DO-35 (No.: 8)	
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0.2 Ampere

BAT42 BAT43 BAT85	30	0.2	4	0.5 2.0	1.0 0.8	0.2 0.1	DO-35 (No.: 8)	
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0.35 Ampere

SD103A SD103B SD103C	40 30 20	0.35	15	5.0	0.6	0.2	DO-35 (No.: 8)	
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1.0 Ampere

1S2 1S3	20 30	1.0	25	1.0	0.55	1.0	R-1 (No.: 1)	
1S4 1S5 1S6	40 50 60				0.70			
1S8 1S10	80 100				0.85			
1N5817 1N5818 1N5819	20 30 40				0.45 0.55 0.60			
SR150 SR160 SR180 SR1100 SR1150 SR1200	50 60 80 100 150 200				0.70 0.85 0.95			

2.0 Amperes

SR220 SR230 SR240	20 30 40	2.0	50	2.0	0.55	2.0	DO-15 (No.: 4)	
SR250 SR260	50 60				0.70			
SR280 SR2100	80 100				0.85			
SR2150 SR2200	150 200				0.95			

3.0 Amperes

1N5820 1N5821 1N5822	20 30 40	3.0	80	2.0	0.48 0.50 0.53	3.0	DO-27 (No.: 5)	
SR350 SR360	50 60				0.75			
SR380 SR3100	80 100				0.85			
SR3150 SR3200	150 200				0.95			

SCHOTTKY BARRIER RECTIFIERS (Axial Lead Type & Power Pack Type)



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	

5.0 Amperes

SR520	20	5.0	150	2.0	0.55	5.0	DO-27 (No.: 5)	
SR530	30				0.70			
SR540	40				0.85			
SR550	50				0.95			
SR560	60							
SR580	80							
SR5100	100							
SR5150	150							
SR5200	200							
SD520	20	5.0	100	2.0	0.55	5.0	TO-251 (No.: 42)	
SD530	30				0.70			
SD540	40				0.85			
SD550	50				0.95			
SD560	60							
SD580	80							
SD5100	100							
SD5150	150							
SD5200	200							

8.0 Amperes

SR820	20	8.0	150	2.0	0.65	8.0	TO-220A (No.: 47)	
SR830	30				0.75			
SR840	40				0.85			
SR850	50				0.95			
SR860	60							
SR880	80							
SR8100	100							
SR8150	150							
SR8200	200							
SD820	20	8.0	150	2.0	0.65	8.0 (*4.0)	TO-251 (No.: 42)	
SD830	30				0.75			
SD840	40				0.85			
SD850	50				0.95			
SD860	60							
SD880	80							
SD8100	100							
SD8150	150							
SD8200	200							

NOTE: *Applied for Suffix. "C".

**SD8xx series is also available in different circuit figure(Suffix "Y" & "C"). (e.g.: SD820Y,SD8100C)

no suffix	"Y" suffixed	"C" suffixed

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	

10 Amperes

SD1020	20	10	150	2.0	0.70	10 (*5.0)	TO-251 (No.: 42)	
SD1030	30							
SD1040	40							
SD1050	50							
SD1060	60							
SD1080	80							
SD10100	100							
SD10150	150							
SD10200	200							
SR1020	20	10	150	2.0	0.70	5.0	TO-220 (No.: 45)	
SR1030	30							
SR1040	40							
SR1050	50							
SR1060	60							
SR1080	80							
SR10100	100							
SR10150	150							
SR10200	200							

NOTE: *Applied for Suffix. "C".

**SD10xx series is also available in different circuit figure(Suffix "Y" & "C"). (e.g.: SD1020Y,SD10100C)

no suffix	"Y" suffixed	"C" suffixed

16 Amperes

SR1620	20	16	150	2.0	0.65	8.0	TO-220 (No.: 45)	
SR1630	30							
SR1640	40							
SR1650	50							
SR1660	60							
SR1680	80							
SR16100	100							
SR16150	150							
SR16200	200							

20 Amperes

SR2020	20	20	200	2.0	0.70	10	TO-220 (No.: 45)	
SR2030	30							
SR2040	40							
SR2050	50							
SR2060	60							
SR2080	80							
SR20100	100							
SR20150	150							
SR20200	200							

30 Amperes

SR3020	20	30	250	2.0	0.65	15	TO-3P (No.: 50)	
SR3030	30							
SR3040	40							
SR3050	50							
SR3060	60							

50 Amperes

SR5020	20	50	300	3.0	0.65	25	TO-3P (No.: 50)	
SR5030	30							
SR5040	40							
SR5050	50							
SR5060	60							