

SILICON RECTIFIER DIODE

* Shows avalanche

Type	Color code	I _o (A)	V _{RM} (V)	V _N (V)	I _{surge} (A)	V _F (MAX) (V)	I _R (MAX) (μA)	V _Z (MIN) (V)	Prsurge (W)	T _j (°C)	Dimensions	Remarks
1S921	—	1.5	200	70	80	1.05	10	—	—	150	Fig.9	—
1S922			400	140								
1S923			600	210								
1S924			800	280								
1S925			1000	350								
1S1474*	—	1.5	200	100	80	1.05	4	250	1000	150	Fig.9	—
1S1475*			400	200				500				
1S1476*			600	300				750				
1S1477*			800	400				1000				
1S1478*			1000	500				1250				
1S1479*			1200	600				1500				
S2RC10	Naught	1.8	100	35	60	1.05	10	—	—	135	Fig.10	Center-tapped type
S2RC20	Red		200	70								
S2RC40	Yellow		400	140								
S2RC60	Blue		600	210								
S2RC20Z*	Red	1.8	200	100	60	1.05	10	250	4000	135	Fig.10	Center-tapped type
S2RC40Z*	Yellow		400	200				500				
S3RC10	Naught	2.5	100	35	120	1.05	10	—	—	135	Fig.11	Center-tapped type
S3RC20	Red		200	70								
S3RC40	Yellow		400	140								
S3RC60	Blue		600	210								
S3RC20Z*	Red	2.5	200	100	120	1.05	10	250	6000	135	Fig.11	Center-tapped type
S3RC40Z*	Yellow		400	200				500				
S3G10	Black	3	100	50	100	1.05	10	—	—	175	Fig.12	Glass sealed
S3G20	Red		200	100								
S3G40	Yellow		400	200								
S3G40Z*	Yellow	3	400	200	100	1.05	10	MAX 1600	1000	175	Fig.12	Glass sealed
S3G60Z*	Blue		600	300								
S3G80Z*	Green		800	400								
S2HB10	—	8	100	35	80	1.2	10	—	—	150	Fig.13	Bridge type
S2HB20			200	70								
S2HB40			400	140								
S2HB20Z*			200	100								
S2HB40Z*	400	200	500									
1S926	—	20	200	70	430	1.05	80	—	—	150	Fig.14	—
1S927			400	140								
1S928			600	210								
1S929			800	280								
1S930			1000	350								
1S1480*			—	20								
1S1481*	400	200			500							
1S1482*	600	300			750							
1S1483*	800	400			1000							
1S1484*	1000	500			1250							
1S1485*	1200	600	1500									
1S931	—	50	200	70	1100	1.05	200	—	—	150	Fig.15	—
1S932			400	140								
1S933			600	210								
1S934			800	280								
1S935			1000	350								
1S941	—	200	200	70	5400	1.05	800	—	—	150	Fig.16	—
1S942			400	140								
1S943			600	210								
1S944			800	280								
1S945			1000	350								

For medium power applications

For large power applications

Unit : mm

