

TYPE NUMBER	PEAK INVERSE VOLTAGE	MAX. AVG. DC OUTPUT CURRENT		MAXIMUM REVERSE CURRENT @ PIV		MAX. PEAK FORWARD VOLTAGE (PULSED)		PEAK / CYCLE SURGE CURRENT	MAXIMUM REVERSE RECOVERY TIME ①	THERM. RESIS. R <sub>θJL</sub> d=0.375" ②	PACKAGE STYLE
		Amps		μAmps		V	A				
		55°C	100°C	25°C	100°C						
1N4942**	200	1.0	.75	1.0	200	1.3	1.0	15	150	38	103
1N4944**	400	1.0	.75	1.0	200	1.3	1.0	15	150	38	
1N4946**	600	1.0	.75	1.0	200	1.3	1.0	15	250	38	
1N4947**	800	1.0	.75	1.0	200	1.3	1.0	15	250	38	
1N4948**	1000	1.0	.75	1.0	200	1.3	1.0	15	500	38	
1N5615**	200	1.0	.75	0.5	25	1.6	3.0	25	150	38	102
1N5617**	400	1.0	.75	0.5	25	1.6	3.0	25	150	38	
1N5618**	600	1.0	.75	0.5	25	1.6	3.0	25	250	38	
1N5621**	800	1.0	.75	0.5	25	1.6	3.0	25	300	38	
1N5623**	1000	1.0	.75	0.5	25	1.6	3.0	25	500	38	
1N5186*	100	2.5	1.6	2.0	100	1.5	9.0	80	150	20	303
1N5187*	200	2.5	1.6	2.0	100	1.5	9.0	80	200	20	
1N5188*	400	2.5	1.6	2.0	100	1.5	9.0	80	350	20	
1N5180*	600	2.5	1.6	2.0	100	1.5	9.0	80	400	20	
1N5415**	50	3.0	2.0	1.0	20	1.5	9.0	80	150	20	303
1N5416**	100	3.0	2.0	1.0	20	1.5	9.0	80	150	20	
1N5417**	200	3.0	2.0	1.0	20	1.5	9.0	80	150	20	
1N5418**	400	3.0	2.0	1.0	20	1.5	9.0	80	150	20	
1N5419**	600	3.0	2.0	1.0	20	1.5	9.0	80	250	20	
1N5420**	800	3.0	2.0	1.0	20	1.5	9.0	80	400	20	
SRS620FR	200	6.0	4.0	10	1000	1.3	6.0	125	150	20	601
SRS640FR	400	6.0	4.0	10	1000	1.3	6.0	125	150	20	
SRS650FR	500	6.0	4.0	10	1000	1.3	6.0	125	150	20	
SRS660FR	600	6.0	4.0	10	1000	1.3	6.0	125	150	20	
SRS680FR	800	6.0	4.0	10	1500	1.6	6.0	125	250	20	
SRS690FR	900	6.0	4.0	10	1500	1.6	6.0	125	250	20	
SRS6100FR	1000	6.0	4.0	10	2000	1.6	6.0	125	250	20	

\* available at JAN/JANTX levels  
 \*\* available at JAN/JANTX/JANTXV levels

Notes:

- All ratings are at T<sub>A</sub> = 25°C unless otherwise specified.
- Maximum operating and storage temperature range -65°C to +175.

- Lead material - copper
- Finish - hot solder dipped

- ① Reverse recovery time conditions: I<sub>F</sub> = 0.5A, I<sub>R</sub> = 1.0A, I<sub>RR</sub> = 0.25A.
- ② d = distance on lead from rectifier body at which temperature is measured.
- ③ T<sub>A</sub> = 150°C.