PROTECTION

TRANSIENT VOLTAGE SUPPRESSORS «TRANSIL»

Type		I_{RM} @ V_{RM} max		$V_{(BR)}$* (V) @ I_R				$V_{(CL)}$ @ I_{pp} max 1 ms expo		α_T max	Package
Unidirectional	Bidirectional	(μA)	(V)	min	nom	max	(mA)	(V)	(A)	(10^{-4}/°C)	
1.5 kW / 1 ms expo.											**I_{FSM} = 250 A - 10 ms for unidirectional**
1N 5648		5	34.8	38.7	43	47.3	1	61.9	24	10.1	DO 13
1N 5648 A		5	36.8	40.9	43	45.2	1	59.3	25.3	10.1	
1N 5649		5	38.1	42.3	47	51.7	1	67.8	22.2	10.1	
1N 5649 A		5	40.2	44.7	47	49.4	1	64.8	23.2	10.1	
1N 5650		5	41.3	45.9	51	56.1	1	73.5	20.4	10.2	
1N 5650 A		5	43.6	48.5	51	53.6	1	70.1	21.4	10.2	
1N 5651		5	45.4	50.4	56	61.6	1	80.5	18.6	10.3	
1N 5651 A		5	47.8	53.2	56	58.8	1	77	19.5	10.3	
1N 5652		5	50.2	55.8	62	68.2	1	89	16.9	10.4	
1N 5652 A		5	53	58.9	62	65.1	1	85	17.7	10.4	
1N 5653		5	55.1	61.2	68	74.8	1	98	15.3	10.4	
1N 5653 A		5	58.1	64.6	68	71.4	1	92	16.3	10.4	
1N 5654		5	60.7	67.5	75	82.5	1	108	13.9	10.5	
1N 5654 A		5	64.1	71.3	75	78.8	1	103	14.6	10.5	
1N 5655		5	66.4	73.8	82	90.2	1	118	12.7	10.5	
1N 5655 A		5	70.1	77.9	82	86.1	1	113	13.3	10.5	
1N 5656		5	73.7	81.9	91	100	1	131	11.4	10.6	
1N 5656 A		5	77.8	86.5	91	95.5	1	125	12	10.6	
1N 5657		5	81	90	100	110	1	144	10.4	10.6	
1N 5657 A		5	85.5	95	100	105	1	137	11	10.6	
1N 5658		5	89.2	99	110	121	1	158	9.5	10.7	
1N 5658 A		5	94	105	110	116	1	152	9.9	10.7	
1N 5659		5	97.2	108	120	132	1	173	8.7	10.7	
1N 5659 A		5	102	114	120	126	1	165	9.1	10.7	
1N 5660		5	105	117	130	143	1	187	8	10.7	
1N 5660 A		5	111	124	130	137	1	179	8.4	10.7	
1N 5661		5	121	135	150	165	1	215	7	10.8	
1N 5661 A		5	128	143	150	158	1	207	7.2	10.8	
1N 5662		5	130	144	160	176	1	230	6.5	10.8	
1N 5662 A		5	136	152	160	168	1	219	6.8	10.8	
1N 5663		5	138	153	170	187	1	244	6.2	10.8	
1N 5663 A		5	145	161	170	179	1	234	6.4	10.8	
1N 5664		5	146	162	180	198	1	258	5.8	10.8	
1N 5664 A		5	154	171	180	189	1	246	6.1	10.8	
1N 5665		5	162	180	200	220	1	287	5.2	10.8	
1N 5665 A		5	171	190	200	210	1	274	5.5	10.8	
1.5 kW / 1 ms expo.											
	1N 6040	10	8.5	9.9	11	12.1	1	16.2	93	7.5	DO 13
	1N 6040 A	10	9.0	10.5	11	11.6	1	15.6	96	7.5	
	1N 6041	5	9.0	10.8	12	13.2	1	17.3	87	7.8	
	1N 6041 A	5	10.0	11.4	12	12.6	1	16.7	90	7.8	
	1N 6042	5	10.0	11.7	13	14.3	1	19	79	8.1	
	1N 6042 A	5	11.0	12.4	13	13.7	1	18.2	82	8.1	
	1N 6043	5	11.0	13.5	15	16.7	1	22	68	8.4	
	1N 6043 A	5	12.0	14.3	15	15.8	1	21.2	71	8.4	
	1N 6044	5	12.0	14.4	16	17.6	1	23.5	64	8.6	
	1N 6044 A	5	13.0	15.2	16	16.8	1	22.5	67	8.6	
	1N 6045	5	14.0	16.2	18	19.8	1	26.5	56.5	8.8	
	1N 6045 A	5	15.0	17.1	18	18.9	1	25.2	59.5	8.8	
	1N 6046	5	16.0	18	20	22	1	29.1	51.5	9	
	1N 6046 A	5	17.0	19	20	21	1	27.7	54	9	
	1N 6047	5	17.0	19.8	22	24.2	1	31.9	47	9.2	
	1N 6047 A	5	18.0	20.9	22	23.1	1	30.6	49	9.2	
	1N 6048	5	19.0	21.6	24	26.4	1	34.7	43	9.4	
	1N 6048 A	5	20.0	22.8	24	25.2	1	33.2	45	9.4	
	1N 6049	5	21.0	24.3	27	29.7	1	39.1	38.5	9.6	
	1N 6049 A	5	22.0	25.7	27	28.4	1	37.5	40	9.6	
	1N 6050	5	24.0	27	30	33	1	43.5	34.5	9.7	
	1N 6050 A	5	25.0	28.5	30	31.5	1	41.4	36	9.7	

* Pulse test $t_p \leq 50$ ms $\delta < 2\%$.