

3.TRIODES.POWER.REVERSE-BLOCKING-SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	TYPE No.	1 MAX.REP OFF-STATE VOLTAGE		2 MAX.STATIC ON-STATE CURRENT		MAXIMUM GATE FIRING CHARACTER.		MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM@T (A) (°C)		MAXIMUM ON-STATE VOLTAGE VT @IT (V) (A)		TYPICAL SWITCHING TIME ON		WORST-CASE dv/dt (V/us)	SURGE CURRENT ISM (A)	OPER. TEMP. RANGE CODE	LEAD CODE	DRAWING No.
		VDRM (V)	IT (A)	IT (A)	IT (A)	IGT (A)	VGT (V)		IR@VRRM@T (A)	IR@VRRM@T (°C)	VT (V)	IT (A)	tgt (s)	tq (s)					
1#	DCH425ST0101T	90	300	65C	150m	3.0	400mΔ	30m	125J	2.0	600	40 *	150	60u\$	200 \$	2.4k\$	5C%	BC	MU108
2#	DCR425ST0101W	90	300	65C	150m	3.0	400mΔ	30m	125J	2.0	600	40 *	150	85u\$	200 \$	2.4k\$	5C%	BC	MU108
3#	DCR425ST0101X	90	300	65C	150m	3.0	400mΔ	30m	125J	2.0	600	40 *	150	100u\$	200 \$	2.4k\$	5C%	BC	MU108
4#	DCR425ST0101Z	90	300	65C	150m	3.0	400mΔ	30m	125J	2.0	600	40 *	150	200u\$	200 \$	2.4k\$	5C%	BC	MU108
5#	DCR485ST0101Z	90	305	65C	150m	3.0	400mΔ	30m	125C	1.7	500 †	40 *	150	200u\$	200 \$	3.0k\$	5C%	BC	MU108
6#	DCR424ST0101T	90	385	70C	150m	3.0	400mΔ	30m	125C	1.5	600	40	150	60u\$	200 \$	4.0k\$	5C%	BC	MU108
7#	DCR424ST0101V	90	385	70C	150m	3.0	400mΔ	30m	125C	1.5	600	40	150	70u\$	200 \$	4.0k\$	5C%	BC	MU108
8#	DCR424ST0101W	90	385	70C	150m	3.0	400mΔ	30m	125C	1.5	600	40	150	85u\$	200 \$	4.0k\$	5C%	BC	MU108
9#	DCR424ST0101X	90	385	70C	150m	3.0	400mΔ	30m	125C	1.5	600	40	150	100u\$	200 \$	4.0k\$	5C%	BC	MU108
10#	DCR424ST0101Z	90	385	70C	150m	3.0	400mΔ	30m	125C	1.5	600	40	150	200u\$	200 \$	4.0k\$	5C%	BC	MU108
11#	DCR525SM0101M	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	30u\$	200 \$	8.5k\$	5C%	AB	MU109
12#	DCR525SM0101N	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	35u\$	200 \$	8.5k\$	5C%	AB	MU109
13#	DCR525SM0101P	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	40u\$	200 \$	8.5k\$	5C%	AB	MU109
14#	DCR525SM0101R	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	40u\$	200 \$	8.5k\$	5C%	AB	MU109
15#	DCR525SM0101S	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	50u\$	200 \$	8.5k\$	5C%	AB	MU109
16#	DCR525SM0101T	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	60u\$	200 \$	8.5k\$	5C%	AB	MU109
17#	DCR525SM0101V	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	70u\$	200 \$	8.5k\$	5C%	AB	MU109
18#	DCR525SM0101W	90	470	65C	150m	3.0	400mΔ	30m	125C	1.3	1.0k	40 *	400	85u\$	200 \$	8.5k\$	5C%	AB	MU109
19#	DCR525SM0101X	90	470	65C	150m	3.0	400m	30m	125C	1.3	1.0k	40 *	400	100u\$	200 \$	8.5k\$	5C%	AB	MU109
20#	DCR525SM0101Z	90	470	65C	150m	3.0	400m	30m	125C	1.3	1.0k	40 *	400	100u\$	200 \$	8.5k\$	5C%	AB	MU109
21#	DCR403ST0101	90	470	65C	150m	3.0	400m	30m	125C	1.3	1.0k	40 *	400	100u\$	200 \$	8.5k\$	5C%	AB	MU109
22#	DCR504ST0101	90	540 Δ	60C	150m	3.0	400mΔ	30m	125C	1.4	1.0k†	700n#	100 †	200	4.5k	XD\$	BC	MU108	
23#	SFOR1B42	100 ∅	100m\$	35A	200	800m	3.0m∅	100u	100J	2.5	1.0			50 ∅	4.4	4A\$	AE	RD8	
24#	DRA01B	100	.10 \$	55A	20m	.80	3.0m∅		2.5	2.5	1.0			4.0	39\$	AE	AD	RD12a	
25#	JAN2N3032	100	175m\$	100A	20u	600m	4.0m	50n	25	1.5 †	1.0	100n	1.0	2.0u	8.0	6T	AD	TO18	
26#	JAN2N3029	100	175m\$	100A	20u	800m	5.0m	50n	25	1.5 †	1.0	200n	1.0	2.0u	8.0	6F	AD	TO18	
27#	2N4109	100	180m\$	25A	200u	800m	2.0m	20u	125A	1.6	500m	1.5u	200m	15u	4.0	6C*	AD∅	TO18	
28#	B152	100	.20	75A	20m	.80	5.0m		1.5	1.5	1.0	.20u			8.0	XC*	AD	TO46	
29#	2N5720	100	200m	90A	20u	600m	2.0m	100u	150A	1.4	400m			30u	5.0	6F*	AD∅	TO18	
30#	JAN2N2324	100	220m\$	80A	350u	1.0	2.0m	.01m	25	2.2	4.0			15	6C	AD	TO5		
31#	JAN2N2324A	100	220m\$	80A	350u	1.0	2.0m	.01m	25	2.2	4.0			15	6C	AD	TO5		
32#	2N3003	100	250m\$	55A	20u	700m	100u	150A	1.2	350m				6.0 \$	6F*	AD∅	TO18		
33#	2N3007	100	250m\$	55A	200u	800m	5.0m	100u	150A	1.2	350m			6.0 Δ	6F*	AD∅	TO18		
34#	BA152	100	.25	75A	20m	.80	5.0m		1.5	1.5	1.0	.20u			8.0	XF*	AD	TO18	
35#	CB202	100	.25	75A	400u	.80	3.0m	5.0u	110A	1.5	800m			5.0	XF*	AD	TO18		
36#	2N4147	100	250m	75A	1.0m	800m	5.0m	100u	125C	2.5	800m			8.0 \$	6B*	AD∅	RD2		
37#	2N5062	100	255m	102C	350u\$	1.2 \$	10m\$	50u	125C	1.7	1.2			6.0	6C∅	AD	TO92		
38#	6274	100	.26 Δ	25A	.20m	.80	3.0m	.05m	100J	1.1	.20			5.0 *	2A\$	AD∅	TO46		
39#	2N950	100	.26	125C	.02m	1.0	1.0m	.02m	125C	2.0	.20			1.0 \$	6F∅	AD∅	TO18		
40#	2N887A	100	275m	25	50u	500m	1.0m	20u	125	1.5	200m	1.2u	.20	3.2u	1.0	XF*	AD	TO18	
41#	2N6607	100	275m	55A	200u	800m	5.0m	100u	150	1.7 †	2.0			6.0 *	6F\$	AD∅	TO18		
42#	2N2685	100	.28	55A	20u	.80	1.0m	20uΔ	125A	1.2	.20			2.0 \$	6A*	AD∅	TO18		
43#	2N2689	100	.28	55A	20m	1.0	2.0m	.10mΔ	125A	1.5	.20			2.0 \$	6F*	AD∅	TO18		
44#	TIC46	100	300m	25A	200u	800m	5.0m	50u	125A	2.4	300m†	3.5u		6.8u	6.0 Δ†	5C∅	AD	RD26	
45#	SFOR3B42	100	300m\$	30A	200u	800m	4.0m∅	100u	110J	2.0	2.0			50 ∅	10	4B\$	AE	RD8	
46#	2SF1111	100	300m\$	30A	250u	800m		100u	125J	1.6	600m			10	4C\$	AC	MU9†		
47#	CR02AM2	100	300m\$	30A	250u	800m		100u	125J	1.6	600m			10	4C\$	AC	MU9†		
48#	03P1M	100	300m\$	30A	500u	800m	5.0m	100u	125J	2.5	4.0		25u	40 ∅\$	8.0	4C*	AE	RD76	
49#	DRA03B	100	30 \$	30A	50m	.80	5.0m		2.5	2.5	4.0			3C\$	AE	AE	RD12a		
50#	CR03AM2	100	300m\$	47A	250u	800m		100u	110J	1.8	4.0 †			20	4B\$	AE	RD12		
51#	3L1100	100	.35	25A	5.0u	.55	100u	100n	25	1.2	2.0			1.0	XC*	AD	TO18		
52#	2N2681A	100	350m	55A	20u	700m	500u	100n	25	1.2	200m	300n∅	.20	10u∅	2.0 \$	XF*	AD	TO18	
53#	2N2685A	100	350m	55A	20u	700m	500u	100n	25	1.2	200m	300n∅	.20	10u∅	2.0 \$	XF*	AD	TO18	
54#	2N2681	100	350m	55A	100u\$	900m\$	2.0m\$	100uΔ	150A	1.5	200m			2.0 \$	6F*	AD	TO18		
55#	2N887	100	350m	100A	600m	1.0m	2.0m	20u	125C	1.5	200m			2.0 \$	6A∅	AD∅	TO18		
56#	2N879	100	.35	100C	.20m	.80	5.0m	.10mΔ	125C	1.5	.20			2.0 \$	6A∅	AD∅	TO18		
57#	2SF102	100	.38	25A	.50m	1.0	1.0m	100J	2.5	4.0				15	4C	AC	TO5		
58#	2N4334	100	.39	25	.01m	.80	1.0m		1.5	1.5	.80			8.0	XC	AD	TO52		
59#	2N5725	100	390m	90A	20u	600m	2.0m	200u	150A	1.5	780m			30u	100	8.0	6F*	AD∅	TO5
60#	2SF522	100	400m\$	25A	3.0m	1.0	400u	125J	1.2	1.0				20	2C\$	AD∅	RD61		
61#	3L2100	100	.40	35A	5.0u	.55	100n	25	1.5	1.0				10	10	XF*	AD	TO18	
62#	JAN2N1872A	100	400m	50A	200u	800m	5.0m	100u	125A	2.5	2.0			15	6F	AD	TO9		
63#	GA201	100	400m	70C	200u	750m	5.0m	10m	25A	1.5	2.0	20n	1.0	300n	40 ∅	200	6F*	AD	TO18
64#	GA201A	100	400m	70C	200u	750m	5.0m	10m	25A	1.5	2.0	20n	1.0	300n	40 ∅	200	6F*	AD	TO18
65#	GB201	100	400m	70C	200u	750m	5.0m	10m	25A	1.5	2.0	20n	1.0	300n	40 ∅	200	6F*	AD	TO59
66#	GB201A	100	400m	70C	200u	750m													