

# 4 定格・特性表

## F 一般用サイリスタ THYRISTORS FOR GENERAL USE

### ① プラスチックケース型・KRCシリーズ PLASTIC PACKAGE TYPE・KRC-SERIES

Type No.	VRRM VDRM V	VDSM V	VRSM V	IT(RMS) A	IO A	ITSM A	I <sup>2</sup> t A <sup>2</sup> s	IDM IRM mA	VTM V	dv/dt V/μs	di/dt A/μs	IGT mA	VGT V	T <sub>jw</sub> Tstg °C	Rth (j-c) °C/W	Weight g	Torque N·m {kgf·cm}	Out- line No.
30KRC60	600	700	700	47	30	600	1,800	0.5	1.50 (ITM =90A)	—	—	100	2.5	-40 +125	1.0	5.55	0.5 {5.1}	13

### ② スタッド型・RC, RDシリーズ STUD TYPE・RC, RD-SERIES

Type No.	VRRM VDRM V	VDSM V	VRSM V	IT(RMS) A	IO A	ITSM A	I <sup>2</sup> t A <sup>2</sup> s	IDM IRM mA	VTM V	dv/dt V/μs	di/dt A/μs	IGT mA	VGT V	T <sub>jw</sub> Tstg °C	Rth (j-c) °C/W	Weight g	Torque N·m {kgf·cm}	Out- line No.	
11RC10	100	150	150	16	10	125	78	4.5	2.3 (ITM =30A)	—	—	40	3	-40 +125	1.6	14	2.9 {2.3 29.6 23.5}	42	
20	200	300	300																
40	400	500	500																
60	600	700	700																
80	800	900	900																
100	1,000	1,200	1,200																
21RC10	100	150	150	25	16	150	110	4.5	2.2 (ITM =50A)	—	—	40	3	-40 +125	1.6	14	2.9 {2.3 29.6 23.5}	42	
20	200	300	300																
40	400	500	500																
60	600	700	700																
80	800	900	900																
100	1,000	1,200	1,200																
29RD40	400	500	500	40	26	500	1,250	10	1.92 (ITM =80A)	200	—	50	2.5	-40 +125	0.8	17	2.9 {2.4 29.6 24.5}	43	
50	500	600	600																
60	600	700	700																
80	800	900	900																
100	1,000	1,100	1,200																
120	1,200	1,300	1,400																
39RC20	200	300	300	55	35	700	2,450	10	2.1 (ITM =100A)	100	100	100	2.5	-40 +125	0.6	42	8 {6.5 81.6 66.3}	44	
40	400	500	500																
60	600	700	700																
80	800	900	900																
100	1,000	1,200	1,200																
120	1,200	1,300	1,400																
59RC20	200	300	300	80	50	800	3,200	10	1.95 (ITM =150A)	100	100	100	2.5	-40 +125	0.6	42	8 {6.5 81.6 66.3}	44	
40	400	500	500																
60	600	700	700																
80	800	900	900																
100	1,000	1,200	1,200																
120	1,200	1,300	1,400																

### ③ スタッド型・RWシリーズ STUD TYPE・RW-SERIES

Type No.	VRRM VDRM V	VDSM V	VRSM V	IT(RMS) A	IO A	ITSM A	I <sup>2</sup> t A <sup>2</sup> s	IDM IRM mA	VTM V	dv/dt V/μs	di/dt A/μs	IGT mA	VGT V	T <sub>jw</sub> Tstg °C	Rth (j-c) °C/W	Weight g	Torque N·m {kgf·cm}	Out- line No.
89RW30(L)	300	400	400	125	80	2,250	25,300	10	1.32 (ITM =250A)	—	—	100	2.5	-40 +150	0.3	105	17 {13.5 173 138}	48 (L type =49)
40(L)	400	500	500															
129RW30(L)	300	400	400	185	120	3,700	68,000	15	1.23 (ITM =380A)	—	—	100	2.5	-40 +150	0.25	105	17 {13.5 173 138}	48 (L type =49)
40(L)	400	500	500															
259RW30(L)	300	400	400	390	250	4,500	101,000	20	1.44 (ITM =785A)	—	—	100	2.5	-40 +150	0.15	210	34 {27 347 275}	50 (L type =51)
40(L)	400	500	500															
309RW30(L)	300	400	400	470	300	6,000	180,000	30	1.44 (ITM =940A)	—	—	150	3	-40 +150	0.14	210	34 {27 347 275}	50 (L type =51)
40(L)	400	500	500															