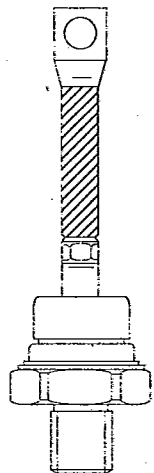
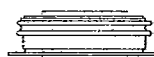


Rectifiers, Standard Recovery

400 TO 650 AMPS



T-01-01

Part number	V _{RRM} (V)	I _{F(AV)} @ T _C		I _{FSM} (1)		V _{FM} π x I _{F(AV)} (V)	R _{thJC} DC (°C/W)	Case Outline Number	Notes	Case style
		(A)	(°C)	50Hz (A)	60Hz (A)					
R30D4A R30D4B R30D6A R30D6B R30D8A R30D8B R30D10A R30D10B R30D12A R30D12B R30D14A R30D14B R30D16A R30D16B R30D18A R30D18B R30D20A R30D22A	400 400 600 600 800 800 1000 1000 1200 1200 1400 1400 1600 1600 1800 1800 2000 2200	485 450 485 450 450 425 450 425 425 415 425 415 415 400 415 400 400 400	140	15760 14710 15760 14710 14710 13560 14710 13560 13560 12610 13560 12610 12610 12225 12610 12225 12225 12225	16500 15400 16500 15400 15400 14200 15400 14200 14200 13200 14200 13200 13200 12800 13200 12800 12800 12800	1.12 1.19 1.12 1.19 1.19 1.24 1.19 1.24 1.24 1.30 1.24 1.30 1.30 1.38 1.30 1.38 1.38 1.38	0.12	R17 A	(3) (4) (5) (13)	B-8 
500V5A 500V10A 500V20A 500V30A 500V40A 500V50A 500V60A	50 100 200 300 400 500 600	500	137	9550	10000	1.25	0.1		(4) (6)	
SD600N02P SD600N04P SD600N06P SD600N08P SD600N10P SD600N12P SD600N14P SD600N16P SD600N18PC SD600N20PC SD600N22PC SD600N24PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400	600	80	9000	9400	1.36	0.110	R17 B	(7) (8)	
470PDA10 470PDA20 470PDA40 470PDA60	100 200 400 600	470	103	6550	6850	1.60	0.10	R18 A	(2)	DO-200AA 
SD300C02C SD300C04C SD300C06C SD300C08C SD300C10C SD300C12C SD300C14C SD300C16C SD300C18C SD300C20C SD300C22C SD300C24C SD300C26C SD300C28C	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800	650	55	4040	4225	2.0	0.09	R18 B	(2)	

(1) T_J = T_J max, 100% VRRM reapplied.
 (2) Double side cooled.
 (3) Available with stud-topped case; add "3" to standard part number: R30D4A3.
 (4) Cathode-to-stud. For anode-to-stud add "R" before voltage code: R30DR4A, 500VR60A.
 (5) Also available with flat base; add "F" to standard part number: R30D4AF.
 (6) Also available with flat base; add "F" before voltage code: 500VF60A, 500VFR60A.
 (7) Cathode-to-stud. For Anode-to-stud change "N" to "R" in basic part number; e.g. SD600R12P.
 (8) V_{FM} conditions: I_{FM} = 1500A, T_J = 25 °C.

(13) U.S. standard.