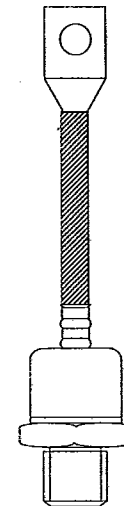


Rectifiers, Standard Recovery

250 TO 400 AMPS

T-01-01

Part number	V _{RRM} (V)	I _{F(AV)} T _C		I _{FSM} (1)		V _{FM} π × I _{F(AV)} (V)	R _{thJC} DC (°C/W)	Case Outline Number	Notes	Case style															
		(A)	(°C)	50Hz (A)	60Hz (A)																				
70U10 70U20 70U40 70U60 70U80 70U100 70U120	100 200 400 600 800 1000 1200	250	150	5500	5760	1.30	0.18	R13 C	(2) (4)	DO-205AB (DO-9)															
	R13 B																								
300U10A 300U20A 300U40A 300U60A 300U80A 300U100A 300U120A	100 200 400 600 800 1000 1200							300	125		5500	5760	1.40	0.18	R13 C	(2) (4)									
	R13 B																								
301U80 301U100 301U120 301U140 301U160 301U180 301U200 301U220 301U240 301U250	800 1000 1200 1400 1600 1800 2000 2200 2400 2500														300	120	5970	6265	1.62	0.15	R13 B	(3) (4) (9)			
	R14 B																								
SD300N02P SD300N04P SD300N06P SD300N08P SD300N10P SD300N12P SD300N14P SD300N16P SD300N18PC SD300N20PC SD300N22PC SD300N24PC SD300N26PC SD300N28PC SD300N30PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000																				380	100	4030	4225	1.65
	R14 B																								
R23DG4A R23DG4B R23DG6A R23DG6B R23DG8A R23DG8B R23DG10A R23DG10B R23D12A R23D12B R23D14A R23D14B R23D16A R23D16B R23D18A R23D18B R23D20A R23D22A	400 400 600 600 800 800 1000 1000 1200 1200 1400 1400 1600 1600 1800 1800 2000 2200	350 335 350 335 315 335 315 315 300 315 300 300 290 300 290 290 290	140	8600 8030 8600 8030 8030 7650 8030 7650 7650 6880 7650 6880 6880 6500 6880 6500 6500 6800	9000 8400 9000 8400 8400 8000 8400 8000 8000 7200 8000 7200 7200 6800 7200 6800 6800 6800	1.13 1.20 1.13 1.20 1.20 1.24 1.20 1.24 1.24 1.35 1.24 1.35 1.35 1.45 1.35 1.45 1.45 1.45	0.15			R13 A															
	R14 A																								
SD400N02P SD400N04P SD400N06P SD400N08P SD400N10P SD400N12P SD400N14P SD400N16P SD400N18PC SD400N20PC SD400N22PC SD400N24PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400			400	120			5465	5720	1.45	0.13	R13 B	(5) (6)												

(1) T_J = T_J max, 100% VRRM reapplied.

(2) Available with flat base, to specify add "F" in basic part number as follows: 70UF... & 300UF...A.

(3) Available with strengthening cone suitable for high "G" applications. To specify change "301" to "305" in part number, e.g. 305U200.

(4) Cathode-to-stud. For Anode-to-stud add "R" to basic part number, e.g. 70UR120, 300UR120A, 301UR120, R23DGR6A.

(5) Cathode-to-stud. For Anode-to-stud change "N" to "R" in basic part number, e.g. SD400R12P.

(6) Available with metric stud, to specify change "P" to "M" at end of part number, e.g. SD300N18M.

(7) Also available with flat base; add "F" to standard part number: R23DG4AF.

(8) Available with stud topped case; add "3" to standard part number: R23D14A3.

(9) For reverse types: I_{F(AV)} = 300A @ T_C = 135 °C, R_{thJC} = 0.12 °C/W DC operation.

(13) U.S. standard.