

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 (9)	Notes	Case Style													
		(A)	(°C)	50 Hz (A)	60 Hz (A)																		
R23DG4A R23DG4B R23DG6A R23DG6B R23DG8A R23DG8B R23DG10A R23DG10B R23D12A R23D12B R23D14A R23D14B R23D16A R23D16B R23D18A R23D18B R23D20A R23D20B R23D22A R23D22B R23D24A R23D26A	400 400 600 600 800 800 1000 1000 1200 1200 1400 1400 1600 1600 1800 1800 2000 2000 2200 2200 2400 2600	350 335 350 335 335 315 335 315 315 300 315 300 300 290 300 290 290 320 290 320 320 320	140 140 140 140 140 140 140 140 140 140 140 140 140 140 140 140 140 100 140 100 100 100	8600 8000 8600 8000 8000 7650 8000 7650 7650 6880 7650 6880 6880 6500 6880 6500 6500 6200 6500 6200 6500 6200	9000 8400 9000 8400 8400 8000 8400 8000 8000 7200 8000 7200 7200 6800 7200 6800 6800 6500 6800 6500 6500 6500	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 1.65 1.45 1.65 1.65 1.65	0.15	R13 A	(3) (4) (5) (13)	DO-205AB (DO-9)													
R23D12B R23D14A R23D14B R23D16A R23D16B R23D18A R23D18B R23D20A R23D20B R23D22A R23D22B R23D24A R23D26A	1200 1400 1400 1600 1600 1800 1800 2000 2000 2200 2200 2400 2600	300 315 300 300 290 300 290 290 320 290 320 320 320	140 140 140 140 140 140 140 140 100 140 100 100 100	6880 7650 6880 6880 6500 6500 6500 6500 6200 6500 6200 6500 6500	7200 8000 7200 7200 6800 6800 6800 6800 6500 6800 6500 6500 6500	1.35 1.24 1.35 1.35 1.45 1.35 1.45 1.45 1.65 1.45 1.65 1.65 1.65		R14 A															
SD400N02PC SD400N04PC SD400N06PC SD400N08PC SD400N10PC SD400N12PC SD400N14PC SD400N16PC SD400N18PC SD400N20PC SD400N22PC SD400N24PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400	400 400 400	120 100 100	5465 5465 5465	5720 5720 5720	1.45 1.55 1.55		0.13 0.13 0.13				R13 B R14 B R14 B	(6) (7)										
R30D4A R30D4B R30D6A R30D6B R30D8A R30D8B R30D10A R30D10B R30D12A R30D12B R30D14A R30D14B R30D16A R30D16B R30D18A R30D18B R30D20A R30D20B R30D22A R30D22B R30D24A R30D24B R30D26A R30D26B R30D28A R30D30A	400 400 600 600 800 800 1000 1000 1200 1200 1400 1400 1600 1600 1800 1800 2000 2000 2200 2200 2400 2400 2600 2600 2800 3000	485 450 485 450 450 425 450 425 425 415 425 415 415 400 415 400 400 450 400 450 425 450 425 425 425 425	140 140 140 140 140 140 140 140 140 140 140 140 140 140 140 140 140 100 140 100 100 100 100 100 100 100	15800 14700 15800 14700 14700 13600 14700 13600 13600 12600 13600 12600 12600 12200 12600 12200 12200 11600 12200 12800 11700 11600 11700 11700 11700	16500 15400 16500 15400 15400 14200 15400 14200 14200 13200 14200 13200 13200 12800 13200 12800 12800 12200 12800 12800 11700 12200 11700 12200 11700	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 1.45 1.38 1.38 1.50 1.45 1.50 1.50 1.50		0.12				R17 B				(3) (4) (5) (13)	B-8						
SD600N02P SD600N04P SD600N06P SD600N08P SD600N10P SD600N12P SD600N14P SD600N16P	200 400 600 800 1000 1200 1400 1600	600 600	80 80	900 900	9400 9400	1.36 1.36													0.110 0.110	(7) (8)			
SD600N18PC SD600N20PC SD600N22PC SD600N24PC	1800 2000 2200 2400	600 600	70 70	7000 7000	7300 7300	1.47 1.47													0.110 0.110				

- (1) $T_j = T_j \text{ max}$, 100% V_{RRM} reapplied.
(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.
(5) Also available with flat base; add "F" to standard part number: R30D4AF.
(6) Available with metric stud to specify change P to M SD400N22M.

- (7) Cathode-to-stud. For Anode-to-stud change "N" to "R" in basic part number, e.g., SD600R12P.
(8) V_{FM} conditions: $I_{FM} = 1500A$, $T_j = 25^\circ C$.
(9) For case outline drawing see page 150.
(13) U.S. standard.