



Part Number	V _{RRM} (V)	I _{F(AV)} @ T _C		I _{FSM} (1)		V _{FM} @ $\pi \times I_{F(AV)}$ (V)	R _{thJC} DC (°C/W)	Case Outline Number (9)	Notes	Case Style								
		(A)	(°C)	50 Hz (A)	60 Hz (A)													
R23DG4A	400	350	140	8600	9000	1.13	0.15	R13 A	(3) (4) (5) (13)	DO-205AB (DO-9)								
R23DG4B	400	335	140	8000	8400	1.20												
R23DG6A	600	350	140	8600	9000	1.13												
R23DG6B	600	335	140	8000	8400	1.20												
R23DG8A	800	335	140	8000	8400	1.20												
R23DG8B	800	315	140	7650	8000	1.24												
R23DG10A	1000	335	140	8000	8400	1.20												
R23DG10B	1000	315	140	7650	8000	1.24												
R23D12A	1200	315	140	7650	8000	1.24												
R23D12B	1200	300	140	6880	7200	1.35												
R23D14A	1400	315	140	7650	8000	1.24												
R23D14B	1400	300	140	6880	7200	1.35												
R23D16A	1600	300	140	6880	7200	1.35												
R23D16B	1600	290	140	6500	6800	1.45												
R23D18A	1800	300	140	6880	7200	1.35												
R23D18B	1800	290	140	6500	6800	1.45												
R23D20A	2000	290	140	6500	6800	1.45												
R23D20B	2000	320	100	6200	6500	1.65												
R23D22A	2200	290	140	6500	6800	1.45												
R23D22B	2200	320	100	6200	6500	1.65												
R23D24A	2400	320	100	6200	6500	1.65												
R23D26A	2600	320	100	6200	6500	1.65												
SD400N02PC	200	400	120	5465	5720	1.45		0.13			R13 B	(6) (7)						
SD400N04PC	400																	
SD400N06PC	600																	
SD400N08PC	800																	
SD400N10PC	1000																	
SD400N12PC	1200																	
SD400N14PC	1400																	
SD400N16PC	1600																	
SD400N18PC	1800																	
SD400N20PC	2000																	
SD400N22PC	2200	400	100	5465	5720	1.55	0.13	R14 B										
SD400N24PC	2400																	
R30D4A	400								485	140	15800	16500		1.12	0.12	R17 B	(3) (4) (5) (13)	B-8
R30D4B	400								450	140	14700	15400		1.19				
R30D6A	600	485	140	15800	16500	1.12												
R30D6B	600	450	140	14700	15400	1.19												
R30D8A	800	450	140	14700	15400	1.19												
R30D8B	800	425	140	13600	14200	1.24												
R30D10A	1000	450	140	14700	15400	1.19												
R30D10B	1000	425	140	13600	14200	1.24												
R30D12A	1200	425	140	13600	14200	1.24												
R30D12B	1200	415	140	12600	13200	1.30												
R30D14A	1400	425	140	13600	14200	1.24												
R30D14B	1400	415	140	12600	13200	1.30												
R30D16A	1600	415	140	12600	13200	1.30												
R30D16B	1600	400	140	12200	12800	1.38												
R30D18A	1800	415	140	12600	13200	1.30												
R30D18B	1800	400	140	12200	12800	1.38												
R30D20A	2000	400	140	12200	12800	1.38												
R30D20B	2000	450	100	11600	12200	1.45												
R30D22A	2200	400	140	12200	12800	1.38												
R30D22B	2200	450	100	11600	12200	1.45												
R30D24A	2400	450	100	11600	12200	1.45												
R30D24B	2400	425	100	11100	11700	1.50												
R30D26A	2600	450	100	11600	12200	1.45												
R30D26B	2600	425	100	11100	11700	1.50												
R30D28A	2800	425	100	11100	11700	1.50												
R30D30A	3000	425	100	11100	11700	1.50												
SD600N02P	200	600	80	900	9400	1.36	0.110	R13 B	(7) (8)									
SD600N04P	400																	
SD600N06P	600																	
SD600N08P	800																	
SD600N10P	1000																	
SD600N12P	1200																	
SD600N14P	1400																	
SD600N16P	1600																	
SD600N18PC	1800							600			70	7000	7300	1.47	0.110			
SD600N20PC	2000																	
SD600N22PC	2200																	
SD600N24PC	2400																	

(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°C.
 (9) For case outline drawing see page 150.
 (13) U.S. standard.