



Part Number	V_{RRM} (V)	$I_{FAV}@T_C$ (A) (C)	$V_{FM}@I_{FM}$ (V) (A)	I_{FSM} 50 Hz (A) (A)	I_{FSM} 60 Hz (A) (A)	$R_{\theta JC}(DC)$ ($^{\circ}C/W$)	Notes	Fax on Demand Number	Case Outline Key
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Standard Recovery

										DO-205AC (DO-30)				
SD150N04PV	400	150	125	1.5	470	3000	3170	0.23	5	12	18	19	82077	R11
SD150N08PV	800	150	125	1.5	470	3000	3170	0.23	5	12	18	19	82077	
SD150N12PV	1200	150	125	1.5	470	3000	3170	0.23	5	12	18	19	82077	
SD150N16PV	1600	150	125	1.5	470	3000	3170	0.23	5	12	18	19	82077	
SD200N04PV	400	200	110	1.4	630	3950	4140	0.23	5	12	18	19	82080	R11
SD200N08PV	800	200	110	1.4	630	3950	4140	0.23	5	12	18	19	82080	
SD200N12PV	1200	200	110	1.4	630	3950	4140	0.23	5	12	18	19	82080	
SD200N16PV	1600	200	110	1.4	630	3950	4140	0.23	5	12	18	19	82080	
										DO-205AC (DO-30)				
SD200N20PC	2000	200	110	1.4	630	3950	4140	0.23	5	12	18	19	82080	R12
SD200N24PC	2400	200	110	1.4	630	3950	4140	0.23	5	12	18	19	82080	

NOTES:

- 2 For I_{FSM} 100% V_{RRM} reapplied, $T_j=T_j \text{ max.}=150^{\circ}C$
- 4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
- 5 V_{FM} measured at $T_j=T_j \text{ max.}$
- 6 I_o at ambient temperature
- 9 V_{FM} measured at $T_j=25^{\circ}C$
- 12 For I_{FSM} 100% V_{RRM} reapplied, $T_j=T_j \text{ max.}$
- 16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
- 17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
- 18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC
- 19 Available with stud top case or flag terminal. To order, add 2 for stud top case or 4 for flag terminal to second digit of part number, e.g. 152L5A
- 20 1N3288 series also available.
- 21 V_{FM} for JEDEC types is registered at max T_j .
- 22 Available with strengthening cone for high-g applications. To order, change part number from 301 to 305.3

