

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

300U120AD	1200	300	130	1.4	942	5500	5750	0.18	9	12	17	18	82031	R19
300U160AD	1600	300	130	1.4	942	5500	5750	0.18	9	12	17	18	82031	

DO-205AB (DO-9)

301U250	2500	300	120	1.46	942	5090	5330	0.15	5	12	17	22	82032	R22
301U80	800	330	120	1.22	942	6940	7270	0.15	5	12	17	22	82032	R22
301U120	1200	330	120	1.22	942	6940	7270	0.15	5	12	17	22	82032	
301U160	1600	330	120	1.22	942	6940	7270	0.15	5	12	17	22	82032	
301U200	2000	330	120	1.22	942	6940	7270	0.15	5	12	17	22	82032	

DO-205AB (DO-9)

SD300N20PC	2000	380	100	1.83	1180	5090	5330	0.11	5	12	16	18	82081	R23
SD300N25PC	2500	380	70	1.83	1180	5090	5330	0.11	5	12	16	18	82081	
SD300N28PC	2800	380	70	1.83	1180	5090	5330	0.11	5	12	16	18	82081	
SD300N32PC	3200	380	70	1.83	1180	5090	5330	0.11	5	12	16	18	82081	

NOTES:

- For Ifsm: 100% VRRM reapplied, $T_J = T_J \text{ max.} = 150^\circ\text{C}$
- Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
- VFM measured at $T_J = T_J \text{ max.}$
- To at ambient temperature
- Vfm measured at $T_J = 25^\circ\text{C}$
- For Ifsm: 100% VRRM reapplied, $T_J = T_J \text{ max.}$
- Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. BAF4RPP, SD600R08PC)
- Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
- Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC
- 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.
- 1N3288 series also available.
- VFM for JEDEC types is registered at max T_J .
- Available with strengthening cone for high-g applications. To order, change part number from 301 to 305.3



DO-30



B-42



DO-8



DO-9



B-8

