

Part Number	VRRM (V)	IF(AV) @ Tc		IFSM (1)		VFM @ IFM		RthJC (°C/W)	Case Outline Number (19)	Notes	Case Style
		(A)	(°C)	50 Hz (A)	60 Hz (A)	(V)	(A)				
300HF20 300HF40 300HF60 300HF80 300HF100 300HF120 300HF140 300HF160	200 400 600 800 1000 1200 1400 1600	300	125	3800	4000	1.38	942	0.115	R21	(2) (7) (8) (20)	DO-205AB (DO-9)
300U10A 300U20A 300U40A 300U60A 300U80A 300U100A	100 200 400 600 800 1000	300	130	5500	5750	1.40	942	0.18	R19	(2) (7) (8) (20)	
301U80 301U100 301U120 301U140 301U160 301U180 301U200 301U220 301U240 301U250	800 1000 1200 1400 1600 1800 2000 2200 2400 2500	300	120	5950	6250	1.62	942	0.15	R22	(2) (12) (17)	
SD300N02PV SD300N04PV SD300N06PV SD300N08PV SD300N10PV SD300N12PV SD300N14PV SD300N16PV SD300N18PC SD300N20PC SD300N22PC SD300N24PC SD300N25PC SD300N26PC SD300N28PC SD300N30PC SD300N32PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2500 2600 2800 3000 3200	380	100	5090	5330	1.83	1180	0.11	R23  R24	(7) (8) (10) (17)	
SD400N02PV SD400N04PV SD400N06PV SD400N08PV SD400N10PV SD400N12PV SD400N14PV SD400N16PV SD400N18PC SD400N20PC SD400N22PC SD400N24PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400	400	120	6940	7270	1.62	1500	0.11	R23  R24		

**B**



- (1) Tj = Tj max, 100% VRRM reapplied.
- (2) Cathode to stud. For anode to stud add "R" to basic part number (e.g., 300HFR20PV).
- (7) Available with metric stud: To specify add "M" to part number (e.g., 300U10AM).
- (8) Available with flat base: To specify add "F" to part number (e.g., SD300N02FV).
- (10) Cathode to stud, for anode change "N" to "R" (SD300R02PV).
- (12) Available with strengthening cone for high g applications, to specify change "301" to "305" in part number.
- (17) VFM measured at Tj = Tj max.
- (19) For case outline drawing see page 0-2.
- (20) VFM measured at Tj = 25°C.