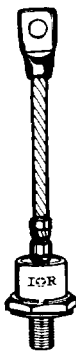
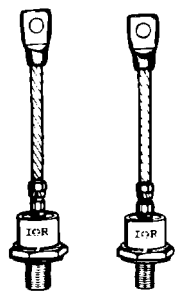


Part Number	VRRM (V)	IF(AV) @ Tc		IFSM (1)		VFM @ IFM		RthJC (°C/W)	Case Outline Number (19)	Notes	Case Style
		(A)	(°C)	50 Hz (A)	60 Hz (A)	(V)	(A)				
1N3111 1N3085 1N3086 1N3087 1N3088 1N3089 1N3090 1N3091 1N3092 1N5162	50 100 200 300 400 500 600 800 1000 1200	150	150	2850	3000	1.20	470	0.25	R17	(2) (3)	DO-205AA (DO-30)
150L5A 150L10A 150L20A 150L40A 150L60A 150L80A 150L100A	50 100 200 400 600 800 1000	150	150	3000	3140	1.33	470	0.25		(2) (5) (6) (7) (17)	
45L10 45L20 45L40 45L60 45L80 45L100 45L120 45L140 45L160	100 200 400 600 800 1000 1200 1400 1600	150	150	3000	3140	1.33	470	0.25	R17  R18	(2) (7) (8) (17)	
SD150N02PV SD150N04PV SD150N06PV SD150N08PV SD150N10PV SD150N12PV SD150N14PV SD150N16PV SD150N18PC SD150N20PC SD150N22PC SD150N24PC SD150N25PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2500	150	125	3000	3170	1.50	470	0.23	R11 (R14)	(3) (7) (8) (9) (10)	DO-205AC (DO-30) DO-205AA (DO-8)
200HF20PV 200HF40PV 200HF60PV 200HF80PV 200HF100PV 200HF120PV 200HF140PV 200HF160PV	200 400 600 800 1000 1200 1400 1600	200	125	3700	3870	1.45	628	0.17	R16 (R13)	(2) (3) (7) (8) (9)	

**B**

- (1) Tj = Tj max, 100% VRRM reapplied.
- (2) Cathode to stud. For anode to stud add "R" to basic part number (e.g., 200HFR20PV).
- (3) VFM measured at Tj = Tj max.
- (5) Available with stud top case (152K...A, 152L...A).
- (6) Available with flag terminal (154K...A, 154L...A).
- (7) Available with metric stud: To specify add "M" to part number (e.g., SD150N02MV).
- (8) Available with flat base: To specify add "F" to part number (e.g., 45LF20, SD150N02FV).
- (9) DO-30 standard, for DO-8 case change "P" to "W" (e.g., SD150N02WV).
- (10) Cathode to stud, for anode change "N" to "R" (SD150R02PV).
- (17) VFM measured at Tj = 25°C.
- (19) For case outline drawing see page 0-2.