

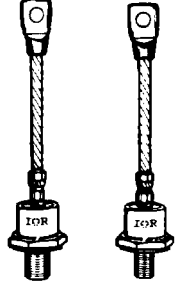


Diodes

Standard Recovery

100–150 Amps

International
IOR Rectifier

Part Number	V _{RRM} (V)	I _{F(AV)} @ T _C		I _{FSM} (1)		V _{FM} @ I _{FM}		R _{thJC} (°C/W)	Case Outline Number (19)	Notes	Case Style
		(A)	(°C)	50 Hz (A)	60 Hz (A)	(V)	(A)				
1N3288A 1N3289A 1N3290A 1N3291A 1N3292B 1N3293A 1N3294A 1N3295A 1N3296A	100 200 300 400 500 600 800 1000 1200	100	130	2200	2300	1.50	314	0.4	R9	(2) (3) (4)	DO-205AA (DO-8) 
150K5A 150K10A 150K20A 150K30A 150K40A 150K60A 150K80A 150K100A	50 100 200 300 400 600 800 1000	150	150	3000	3140	1.33	470	0.25		(2) (5) (6) (7) (17)	
150KS5 150KS10 150KS20 150KS40 150KS60 150KS80A 150KS100A	50 100 200 400 600 800 1000	150	150	3000	3140	1.33	470	0.25	R10	(2) (17)	B-42 
100HF20PV 100HF40PV 100HF60PV 100HF80PV 100HF100PV 100HF120PV 100HF140PV 100HF160PV	200 400 600 800 1000 1200 1400 1600	100	125	1500	1570	1.70	500	0.4	R16 (R13)	(2) (7) (8) (9) (17)	DO-205AC (DO-30) DO-205AA (DO-8) 
130HF20PV 130HF40PV 130HF60PV 130HF80PV 130HF100PV 130HF120PV 130HF140PV 130HF160PV	200 400 600 800 1000 1200 1400 1600	130	125	1680	1760	1.50	500	0.3			
150HF20PV 150HF40PV 150HF60PV 150HF80PV 150HF100PV 150HF120PV 150HF140PV 150HF160PV	200 400 600 800 1000 1200 1400 1600	150	125	2900	3040	1.53	470	0.22			

- (1) T_j = T_j max, 100% V_{RRM} reapplied.
- (2) Cathode to stud. For anode to stud add "R" to basic part number (e.g., 1N3291RA, 150KR10A, 100HFR20PV).
- (3) V_{FM} for JEDEC types is registered value at max T_j.
- (4) 1N3288 series also available.
- (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., 150K10AM, 100HF20MV, SD150N02MV).
- (8) Available with flat base: To specify add "F" to part number (e.g., 100HF20FV, 45LF20, SD150N02FV).
- (9) DO-30 standard, for DO-8 case change "P" to "W" (e.g., 100HF20WV, SD150N02WV).
- (17) V_{FM} measured at T_j = 25°C.
- (19) For case outline drawing see page 0-2.