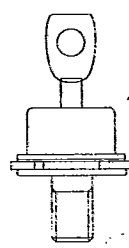


## Rectifiers, Standard Recovery

40 TO 85 AMPS

International  
IR Rectifier

T-01-01

Part number	V <sub>RRM</sub> (V)	I <sub>F(AV)</sub> @ T <sub>C</sub>		I <sub>FSM</sub> (1)		V <sub>FM</sub> π × I <sub>F(AV)</sub> (V)	R <sub>thJC</sub> DC (°C/W)	Case Outline Number	Notes	Case style
		(A)	(°C)	50Hz (A)	60Hz (A)					
1N1183A 1N1184A 1N1185A 1N1186A 1N1187A 1N1188A 1N1189A 1N1190A	50 100 150 200 300 400 500 600	40	150	765	800	1.30	1.10	R7 A	(2)	DO-203AB (DO-5) 
43HF10 43HF20 43HF40 43HF60 43HF80 43HF100 43HF120 43HF140 43HF160	100 200 400 600 800 1000 1200 1400 1600	40	140	480	500	1.30	1.00	R7 B	(2) (4)	
1N2128A 1N2129A 1N2130A 1N2131A 1N2133A 1N2135A 1N2137A 1N2138A	50 100 150 200 300 400 500 600	60	140	860	900	1.30	0.65	R7 A	(2)	
70HF10 70HF20 70HF40 70HF60 70HF80 70HF100 70HF120 70HF140 70HF160	100 200 400 600 800 1000 1200 1400 1600	70	140	1000	1050	1.35	0.45	R7 A	(2) (3) (4)	
73HF10 73HF20 73HF40 73HF60 73HF80 73HF100 73HF120 73HF140 73HF160	100 200 400 600 800 1000 1200 1400 1600	70	140	1000	1050	1.35	0.45	R7 B	(2) (4)	
85HF10 85HF20 85HF40 85HF60 85HF80 85HF100 85HF120 85HF140 85HF160	100 200 400 600 800 1000 1200 1400 1600	85	140	1450	1500	1.20	0.35	R7 A	(2) (3) (4)	
88HF10 88HF20 88HF40 88HF60 88HF80 88HF100 88HF120 88HF140 88HF160	100 200 400 600 800 1000 1200 1400 1600	85	140	1450	1500	1.20	0.35	R7 B	(2) (4)	

(1) 100% V<sub>RRM</sub> reapplied.

(2) Cathode-to-stud. For anode-to-stud, add "R" to basic part number (e.g., 1N1183RA, 43HFR10, 85HFR10).

(3) Leaded version available - to specify add "1" to second digit on part number (e.g., 71HF120, 86HF12).

(4) Available with metric stud; to specify add "M" to the end of part number (e.g., 70HF10M).