

# Rectifiers

## Standard Recovery

40-85 Amps



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> @ $\pi \times I_{F(AV)}$ (V)	R <sub>thJC</sub> DC (°C/W)	Case Outline Number (5)	Notes	Case Style																																																
		(A)	(°C)	50 Hz (A)	60 Hz (A)																																																					
1N1183A 1N1184A 1N1185A 1N1186A 1N1187A 1N1188A 1N1189A 1N1190A	50 100 150 200 300 400 500 600	40	150	765	800	1.3	1.1	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	1.3	1	R7 B	(2) (4)																																								
1N2128A 1N2129A 1N2130A 1N2131A 1N2133A 1N2135A 1N2137A 1N2138A	50 100 150 200 300 400 500 600																		60	140	860	900	1.3	0.65	R7 A	(2)																																
70HF10 70HF20 70HF40 70HF60 70HF80 70HF100 70HF120 70HF140 70HF160	100 200 400 600 800 1005 1200 1400 1600																										70	140	1000	1050	1.35	0.45	R7 B	(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	1.2	0.35	R7 A	(2) (3) (4)								
88HF10 88HF20 88HF40 88HF60 88HF80 88HF100 88HF120 88HF140 88HF160	100 200 400 600 800 1004 1200 1400 1600																																																		85	140	1450	1500	1.2	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, 86HF120).

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

(5) For case outline drawing see page 150.