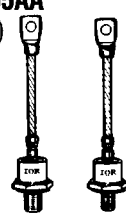


Diodes

Standard Recovery

200–275 Amps

International
IOR Rectifier

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)				
SD200N02PV SD200N04PV SD200N06PV SD200N08PV SD200N10PV SD200N12PV SD200N14PV SD200N16PV SD200N18PC SD200N20PC SD200N22PC SD200N24PC	200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400	200	110	3950	4140	1.40	630	0.23	R11 (R14)	(3) (7) (8) (9) (10)	DO-205AC (DO-30) DO-205AA (DO-8) 
									R12 (R15)		
1N3735 1N3736 1N3737 1N3738 1N3739 1N3740 1N3741 1N3742 1N3743	100 200 300 400 500 600 800 1000 1200	250	130	4300	4500	1.30	785	0.18	R19	(2) (3)	DO-205AB (DO-9) 
1N2054 1N2055 1N2057 1N2059 1N2061 1N2064 1N2066 1N2067 1N2068	50 100 200 300 400 600 800 300 1000										
70U10 70U20 70U40 70U60 70U80 70U100 70U120 70U140 70U160	100 200 400 600 800 1000 1200 1400 1600								R19 R20		
1N4044 1N4045 1N4046 1N4047 1N4048 1N4049 1N4050 1N4051 1N4052 1N4053 1N4054 1N4055 1N4056	50 100 150 200 250 300 400 500 600 700 800 900 1000								R19		

- (1) $T_j = T_j \text{ max}$, 100% VRRM reapplied.
(2) Cathode to stud. For anode to stud add "R" to basic part number (e.g., 1N3735R).
(3) VFM measured at $T_j = T_j \text{ max}$.
(7) Available with metric stud: To specify add "M" to part number (e.g., SD200N02MV).
(8) Available with flat base: To specify add "F" to part number (e.g., SD200N02FV).
(9) DO-30 standard, for DO-8 case change "P" to "W" (e.g., SD200N02WV).
(10) Cathode to stud, for anode change "N" to "R" (SD200R02PV).
(17) VFM measured at $T_j = 25^\circ\text{C}$.
(19) For case outline drawing see page 0-2.