New Jersey Semi-Conductor Products, Inc.

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Part Number	V_{RRM} (V)	$I_{F(AV)}$ @ T_C (A)	(T_C °C)	I_{FSM} (1) 50 Hz (A)	60 Hz (A)	V_{FM} @ $\pi \times I_{F(AV)}$ (V)	R_{thJC} DC (°C/W)	P_R (2) (°C/W)	Case Outline Number (5)	Notes	Case Style
A6F40 A6F60 A6F80 A6F100 A6F120.	400 600 800 1000 1200	6	158	134	141	1.10	2.50	4	R6	(3) (4)	
A12F40 A12F60 A12F80 A12F100 A12F120	400 600 800 1000 1200	12	144	225	235	1.26	2.00	7			
A16F40 A16F60 A16F80 A16F100 A16F120	400 600 800 1000 1200	16	140	295	310	1.23	1.60	15			
A25F40 A25F60 A25F80 A25F100 A25F120	400 600 800 1000 1200	25	120	300	314	0.90	1.5	10			
40HA40 40HA80 40HA100 40HA120 40HA140 40HA160	400 800 1000 1200 1400 1600	40	140 110	480	500	1.30	1.00	11	R7 A		
70HA40 70HA80 70HA80 70HA100 70HA120 70HA140 70HA160	400 600 800 1000 1200 1400 1600	70	140 110	1000	1050	1.35	0.45	20			

(1) 100% V_{RRM} reapplied.
(2) 10 μs square pulse, $T_j = T_j$ max.
(3). Cathode-to-stud. For anode-to-stud, add "R" to basic Part number (e.g., A12FR100).
(4) Available with metric stud; to specify add "M" to the end of part number (e.g., 40HA140M, A12F100M).

