

Maximum Ratings and Electrical Characteristics

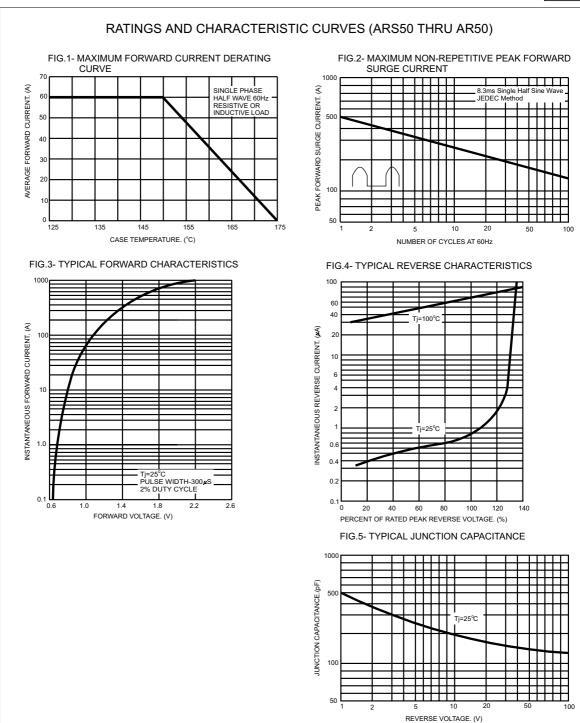
Rating at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%

ARS	ARS						
	-	ARS	ARS	ARS	ARS	ARS	
50A							Units
R50A	AR50B	AR50D	AR50G	AR50J	AR50K	AR50M	
50	100	200	400	600	800	1000	V
35	70	140	280	420	560	700	V
50	100	200	400	600	800	1000	V
50						А	
500						A	
1.1						V	
5.0						uA	
250						uA	
3.0						uS	
300						pF	
1.0						°C/W	
-50 to +175						°C	
RECE	50A 50 35 50	50A AR50B 50 100 35 70 50 100	50A AR50B AR50D 50 100 200 35 70 140 50 100 200	50A AR50B AR50D AR50G 50 100 200 400 35 70 140 280 50 100 200 400 50 100 200 400 50 500 500 1.1 5.0 250 3.0 300 1.0	50A AR50B AR50D AR50G AR50J 50 100 200 400 600 35 70 140 280 420 50 100 200 400 600 50 50 500 500 1.1 5.0 250 3.0 300 300 1.0 -50 to +175	50A AR50B AR50D AR50G AR50J AR50K 50 100 200 400 600 800 35 70 140 280 420 560 50 100 200 400 600 800 50 50 500 500 500 500 1.1 5.0 250 3.0 300 300 1.0 -50 to +175	50A AR50B AR50D AR50G AR50J AR50K AR50M 50 100 200 400 600 800 1000 35 70 140 280 420 560 700 50 100 200 400 600 800 1000 50 500

Notes: 1. Measured at 1 MHz and Applied Reverse Voltage of 4.0 V D.C.

- 2. Reverse Recovery Test Conditions: I_F=0.5A, I_R=1.0A, I_{RR}=0.25A
- 3. Thermal Resistance from Junction to Case, Singe Side Cooled.





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