

ABS201~ABS210

Rev.G Mar.-2026

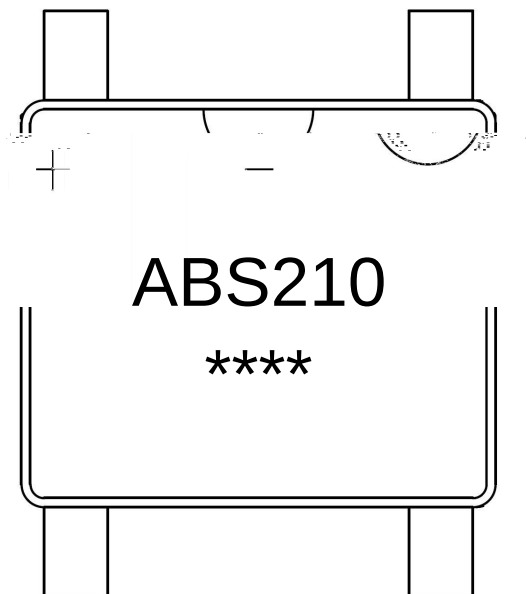
Parameter	Symbol	Rating						Unit
		ABS201	ABS202	ABS204	ABS206	ABS208	ABS210	
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	100	200	400	600	800	1000	V
Maximum RMS Voltage	V _{RMS}	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V _{DC}	100	200	400	600	800	1000	V
Average Rectified Output Current at T _L = 100℃	I _o	2.0						A
Peak Forward Surge Current 8.3ms Single Half Sine Wave Superimposed on Rated Load(JEDEC Method)	I _{FSM}	60						A
Current Squared Time@1ms≤t<8.3ms, T _a =25℃, Rating of per diode	I ² T	14.9						A ² Sec
Typical Junction Capacitance ^(Note1)	C _j	25						pF
Typical Thermal Resistance ^{Note2}	R _{θJA}	65						/W
	R _{θJc}	20						

Operating and Storage
Temperature Range

ABS201~ABS210



/ Marking Instructions

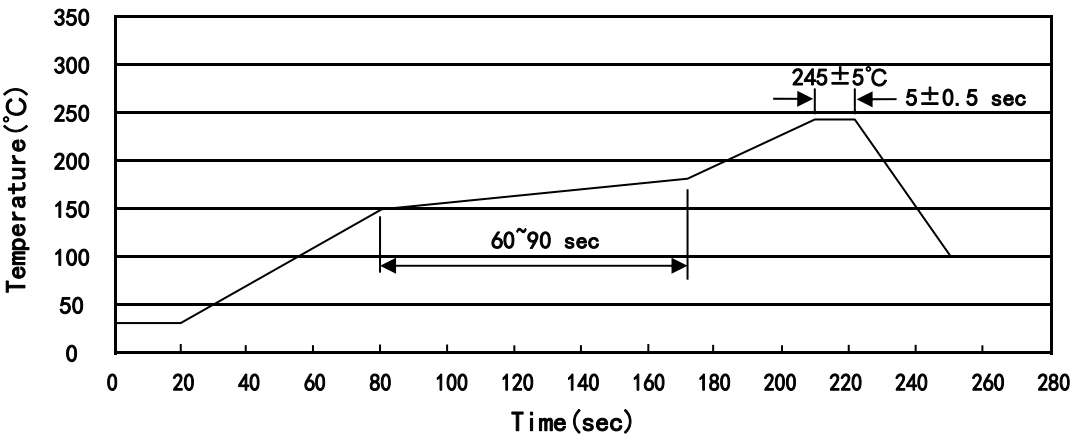


Note:

Product Type

Lot No. Code, code change with Lot No.

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

245 5

5 0.5sec;

2.Peak Temp.:245 5 , Duration:5 0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260 5 10 1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
ABS/LBF	5,000	2	10,000	7	70,000	13" ×12	336X336X40	380X335X366

/ Notices